

Phuoc Tho Tran

DOB: June 21st, 1974 (Saigon, Vietnam)

Citizenship: United States of America

Contact Information:

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Educational Background:

DEGREE	INSTITUTION	DATE	FIELD
B.S.	University of California, San Diego (UCSD)	1992-1996	Molecular Biology
Ph.D.	Oregon Health & Science University (OHSU)	1998-2001	Genetics
M.D.	OHSU	1996-2003	Medicine

Professional Positions:

1998-2001	Graduate Student, Molecular & Medical Genetics, OHSU, R. Michael Liskay (Advisor).
2002-2003	Postdoctoral Research Fellow, OHSU, R. Michael Liskay (Advisor).
2003-2004	Preliminary Internal Medicine Intern, St. Mary's Medical Center, San Francisco, CA.
2004-2008	Radiation Oncology Resident, Stanford University Medical Center.
2007-2008	Chief Resident, Radiation Oncology, Stanford University Medical Center.
2005-2009	Postdoctoral Research Fellow, Stanford University Medical Center, Dean Felsher (Advisor).
2008-2009	Instructor, Radiation Oncology, Stanford University Medical Center.
2008-2009	Member, Stanford Cancer Center.
2009-2013	Assistant Professor, Radiation Oncology, The Johns Hopkins University School of Medicine (JHU SOM).
2010-2013	Assistant Professor, Oncology (secondary appt), JHU SOM.
2010-	Member, Sidney Kimmel Comprehensive Cancer Center (SKCCC), JHU SOM.
2012-	Member, Graduate Program in Cellular and Molecular Medicine (CMM), JHU SOM.
2013	Assistant Professor, Urology (secondary appt), JHU SOM.
2013-2019	Associate Professor, Radiation Oncology, Oncology and Urology, JHU SOM.
2015-2017	Clinical Director, Radiation Oncology and Molecular Radiation Sciences, JHU SOM.
2019-	Co-Director, Cancer Invasion and Metastasis Program (CIMP), SKCCC, JHU SOM.
2020-	Professor, Radiation Oncology, Oncology and Urology, JHU SOM.

Awards & Honors:

- 1995 John Muir College Caledonian Honor Society, UCSD.
- 1995-1996 UC Regents Scholar; the most prestigious UC scholarship.
- 1992-1996 UCSD John Muir College Provost's Honors seven times.
- 1996 Graduated *magna cum laude* from UCSD.
- 1996-2003 OHSU Laurel Merit MD/PhD Scholar.
- 1996-2003 OHSU School of Medicine Scholar six times.
- 1998-2001 OHSU Molecular Hematology Research Training Fellow (NIH grant 5-T32-HL07781).

- 2001 Summer Institute in Geriatrics (American Society of Geriatrics & Boston Uni. School of Medicine).
- 2002 Keystone Abstract Scholarship - *Molecular Mechanisms of DNA Replication & Recombination*.
- 2003 OHSU Dean's Medical Student Research Award recipient.
- 2005 American Society for Radiation Oncology (ASTRO) travel grant for Gordon Res Conf: *Radiation Onc.*
- 2006 Radiological Society of North America (RSNA) Roentgen Resident Research Award.
- 2006 RSNA Research Resident (RR0601).
- 2007 American Radium Society (ARS) Travel Grant.
- 2007 ASCO/AACR Methods in Clinical Cancer Research Workshop Scholarship.
- 2007 Malcolm A. Bagshaw Award.
- 2007 Henry S. Kaplan Research Fellow (SUMC grant 1046297-100-KAVWO).
- 2007 ASTRO Resident Poster Recognition Award (Top 3 posters of the national meeting).
- 2007 Helena Anna Henzl Gabor Science Fund Travel Grant.
- 2008 ASTRO Translational Symposium Travel Grant.
- 2008 RSNA Research Fellow (RF0801).
- 2008-2011 Parker B. Francis Fellow.
- 2009 RSNA Research Scholar (RSCH0915): Declined.
- 2009-2011 ASTRO Junior Faculty Career Research Training Award.
- 2010 ASTRO National Meeting Abstract Award.
- 2011 The 5th Epithelial-Mesenchymal Transition (EMT) International Association Meeting Best Poster Award.
- 2011-2013 The Phyllis and Brian L. Harvey Scholar - Patrick C. Walsh Prostate Cancer Research Fund Award.
- 2011-2016 DoD Prostate Cancer Physician Research Training Award (PC101555).
- 2012 Association of Residents in Radiation Oncology (ARRO) Educator of the Year.
- 2012 Top Doctors by Baltimore Magazine.
- 2012-2014 Uniting Against Lung Cancer Junior Investigator Award.
- 2012-2017 American Cancer Society Research Scholar.
- 2013 OHSU SOM Alumni Association Early Career Achievement Award (Inaugural Award).
- 2013 Alpha Omega Alpha Honor Medical Society Alumni Award, OHSU Chapter.
- 2013 The Irene and Bernard L. Schwartz Scholar - Patrick C. Walsh Prostate Cancer Research Fund Award.
- 2013-2016 Sidney Kimmel Translational Scholar Award.
- 2013-2018 National Cancer Institute (NCI) 1R01CA166348-01A1.
- 2015 American Society of Clinical Oncology (ASCO) Leadership Development Program.
- 2015 Johns Hopkins Catalyst Award.
- 2015-2017 Movember Foundation (MF)-Prostate Cancer Foundation (PCF) Challenge Award.
- 2016 Johns Hopkins Discovery Award.
- 2018-2020 NCI 1R21CA223403-01 (scored in top 1%).
- 2018-2023 NCI 1U01CA212007-01A1.
- 2018-2023 NCI 1U01CA231776-01.

Medical certification/Licensing:

- USMLE Step I: Passed with score 246 (3-digit score) or 99 (2-digit score) in June 2001.
- USMLE Step II: Passed with score 258 (3-digit score) or 97 (2-digit score) in April 2003.
- USMLE Step III: Passed with score 230 (3-digit score) or 93 (2-digit score) in January 2004.
- Diplomate of the American Board of Radiology (ABR) - Radiation Oncology: 58411 (continuous certificate).
- California Medical License: A87841 (June 2004-June 2010).
- Maryland Medical License: D0068806 (valid until September 2021).
- Drug Enforcement Agency #: BT8897045 (valid until December 2021).
- Maryland Controlled Dangerous Substances #: M66985 (valid until March 2023).

Professional Societies:

2004- ASTRO (Member ID#35173018)
2004- RSNA (Member ID #00374305)
2004-2015 American College of Radiology (ACR) (Member ID #05043345)
2005-2008 American College of Radiation Oncology (ACRO)
2007- American Society of Clinical Oncology (ASCO) (Member ID #81970)
2007- American Association for Cancer Research (AACR) (Member ID #140253)
2008-2012 American Thoracic Society (ATS) (Member ID #00115427)
2011- The EMT International Association (Member ID #23294)
2011- Radiation Research Society (RRS) (Member ID #00291116)
2013- Alpha Omega Alpha Honor Medical Society (Member ID #029-A-2013-0175041)
2016-2017 American Association for the Study of Liver Diseases (AASLD) (Member ID #178882)
2017- European Society for Radiotherapy and Oncology (ESTRO) (Member ID# M-23262)
2019- International Association for the Study of Lung Cancer (IASLC) (Member ID# 429752)

Public Service:**Committees and Professional Activities:**

2009-2014	RSNA Scientific Program Committee - Radiation Oncology & Radiobiology Subcommittee
2010	JHU Bloomberg School of Public Health Graduate Board Oral Exam Committee – Debika Biswal
2010-2014	NASA Specialized Centers of Research (NSCOR) - Space Radiation Solid Cancer Risks and Biological Countermeasures, Panel Reviewer
2011	JHU SOM Clinical Practice Association – Clinical Documentation Excellence Program
2011	JHU SOM Clinical Practice Association – Compliance Committee
2011-2013	ASTRO Scientific Program Committee - Biology Subcommittee
2011-2013	NASA Space Radiation Cancer Risks - Ground-Based Studies in Space Radiobiology, Panel Reviewer
2011-2012	JHU SOM Clinical Practice Association – Compliance Committee
2011-2015	SKCCC Oncology Grand Rounds, Co-Organizer
2011-2017	SKCCC Educational Committee
2011-	SKCCC Service of Remembrance Steering Committee
2011-	SKCCC Oncology Animal Facility Advisory Committee
2012	DoD Prostate Cancer Research Program (PCRP) Clinical and Experimental Therapeutics-2 (CET-2), Ad Hoc Reviewer
2012	JHU John G. Rangos, Sr., Award for Creativity in Cancer Discovery, Reviewer
2012-2013	DoD PCRP Pathobiology-1, Scientist Reviewer
2012-2013	NSCOR - Space Radiation Solid Cancer Risks, Panel Progress Reviewer
2012-2013	JHU Patrick C. Walsh Prostate Cancer Research Fund, Scientist Reviewer
2012-2014	JHU SOM Biochemistry, Cellular & Molecular Biol. (BCMB) Thesis Committee – Eliah Shamir
2012-2014	Radiation Oncology Institute National Radiation Oncology Registry (NROR) Pilot Committee
2012-2018	ASTRO Radiobiology Practice Exam and Study Guide Committee of the Science Council
2012-2018	RSNA Research and Education (R&E) Foundation - Radiation Oncology Research Study Section
2013	The Halifax Project Task Force: A Broad-Spectrum Integrative Design for Cancer Prevention and Therapy – Genetic Instability Group
2013	Prostate Cancer UK Pilot Grant, Ad Hoc Reviewer
2013	DoD PCRP Pathobiology-1, Pre-application Reviewer
2013	JHU SOM CMM Graduate Board Oral Exam Committee – Rebecca Tweedell
2013-2015	SKCCC Clinical Research Review Committee
2013-2018	ASTRO Research Grants Evaluation Committee of the Science Council
2014	NSCOR - Space Radiation Solid Cancer Risks and Biological Countermeasures, Panel Reviewer
2014	DoD Lung Cancer Research Program (LCRP) Concept-Clinical and Experimental Therapeutics (CON-CET), Scientist Reviewer
2014	JHU SOM CMM Graduate Board Oral Exam Committee – Jacqueline Douglass
2014-2015	NIH NCI Loan Repayment Program Special Emphasis Panel - ZCA1 PCRB-A (A2) S, Ad Hoc Reviewer
2014-2015	ASTRO NROR Pilot Sites Working Group Committee
2014-2016	ASTRO Molecular Targeting and Radiation Therapy White Paper Committee
2014-2016	JHU SOM Radiation Oncology and Molecular Radiation Sciences Diversity Committee
2014-2017	JHU SOM BCMB Thesis Committee – Neil Neumann
2014-	JHU SOM Instructor/Assistant Professor Reappointment Review Committee
2014-	SKCCC JHU-Allegheny Health Network (AHN) Cancer Research Fund, Co-Director
2015	RSNA R&E Foundation – Radiation Oncology Research Study Section, Vice Chair
2015	JHU Radiation Oncology Breast Cancer Faculty Search Committee, Chair
2015	NIH NCI Program Special Emphasis Panel R03/R21 - ZCA1 SRB-C (M1) S, Ad Hoc Reviewer
2015	Israel Science Foundation, Ad Hoc Scientist Reviewer
2015	NIH NCI Radiation Therapy and Biology (RTB) SBIR/STTR - ZRG1 OTC-R (11), Ad Hoc Reviewer
2015	NIH NCI RTB R01/R21, Ad Hoc Reviewer
2015	JHU SOM CMM Graduate Board Oral Exam Committee – Mary Soliman

2015 JHU SOM Brady Urology R01 Grant Review Committee – Paula Hurley, PhD
 2015-2016 JHU SOM Neurology Mentoring Committee – Anna Piotrowski, MD
 2015-2016 NCI Division of Center Treatment and Diagnosis (DCTD) Lung Cancer Clinical Trials Working Group
 2015-2018 JHU SOM CMM Thesis Committee, Chair – Haley Axelrod
 2015-2019 JHU SOM BCMB Thesis Committee – Vanesa Silvestri
 2015- ASTRO Scientific Program Committee - Biology Subcommittee
 2015- JHU SOM CMM Thesis Committee – Emily Chang
 2015- JHU SOM BCMB Thesis Committee – Michelle Levine
 2015- JHU SOM Radiation Oncology and Molecular Radiation Sciences Finance Committee
 2015- ECOG-ACRIN GU Committee
 2015- JHU Patrick C. Walsh Prostate Cancer Research Fund, Scientist Reviewer
 2016 Swiss and French Prostate Cancer Foundation-Movember Foundation, Ad Hoc Scientist Reviewer
 2016 Flemish Cancer Society Kom op tegen Kanker (SU2C) , Ad Hoc Scientist Reviewer
 2016 JHU SOM Brady Urology K01 Grant Review Committee – Brian Simons, DVM, PhD
 2016 JHU SOM Brady Urology R01 Grant Review Committee – Shawn Lupold, PhD
 2016 JHU SOM CMM Graduate Board Oral Exam Committee – Chin Siang Ong
 2016-2017 ASTRO Science Council Steering Committee, Science Workshops Sub-Committee, Member
 2016-2017 JHU SOM CMM Graduate Board Oral Exam Committee – Seva Khambadkone
 2016-2018 RSNA R&E Foundation – Radiation Oncology Research Study Section, Chair
 2016-2018 JHU Precision Medicine Center of Excellence (PMCoE) in Prostate Cancer, Board of Directors
 2016-2019 ASCO Cancer Survivorship Committee
 2016-2022 NIH NCI RTB R01, Permanent Reviewer
 2016- JHU Sol Goldman Pancreatic Cancer Research Fund, Scientist Reviewer
 2016- MF Global Action Plan 6 – Initiative in Oligometastatic Prostate Cancer, Steering Committee, Chair
 2017 Medical Research Council Molecular and Cellular Medicine Board – Ad Hoc Reviewer
 2017 JHU SOM CMM Graduate Board Oral Exam Committee – Lauren Peiffer
 2017 JHU SOM CMM Graduate Board Oral Exam Committee – Kim Rousseau
 2017-2018 ASTRO Science Council Steering Committee, Science Workshops Sub-Committee, Vice Chair
 2017-2020 RSNA Oncologic Imaging & Therapies Task Force – Cancer Biologist
 2018 NCI Cancer Therapy Evaluation Program Experimental Therapeutics Clinical Trials Network (CTEP ETCTN) Radium-223 Project Team, Clinician
 2018 JHU SOM CMM Graduate Board Oral Exam Committee – Jenna Glatzer
 2018-2019 ASTRO Research Grants Evaluation Committee of the Science Council, Vice Chair
 2018-2019 NRG Oncology Genitourinary (GU) Translational Science Co-Chair
 2018- ASTRO Corporate Relations Committee
 2019-2020 JHU SOM Young Investigators Day Program (YIDP) Committee
 2019-2021 AACR NextGen Grants for Transformative Cancer Research Scientific Review Committee
 2019- JHU SOM BCMB Thesis Committee – Phillip Scott
 2019- JHU SOM CMM Thesis Committee – James Barnett
 2019- JHU SOM CMM Thesis Committee – Minh-Tam Pham
 2019- JHU Physical Science Oncology Center (PSOC) Advisory Committee
 2020 Prostate Cancer Canada-Movember Translation Acceleration Grant in Advanced Imaging Competition Review Panel, Reader
 2020-2021 RSNA R&E Nominating Committee, Member at Large
 2020-2023 ASTRO Research Grants Evaluation Committee of the Science Council, Chair
 2020-2023 ASCO Conquer Cancer Foundation Grants Selection Committee
 2020- ABR Radiation and Cancer Biology Committee, Member
 2020- NRG Oncology GU Translational Science Chair

Conference Organizer, Session Chair:

- 2010 RSNA National Meeting, Radiation Oncology & Radiobiology – Poster Session, Co-Chair
- 2010 RSNA National Meeting, Radiation Oncology & Radiobiology – GI Session, Co-Chair
- 2010 RSNA National Meeting, BOOST: Head & Neck – Integrated Science and Practice Session, Co-Chair
- 2011 JHU SOM Radiation Oncology and Molecular Radiation Sciences *Modulating Radiation Response - Cancer Fundamentals to Therapy* Symposium, Symposium Co-Chair
- 2011 ASTRO National Meeting, Session HH - Nanoparticles & Viruses in Radiotherapy Session, Co-Chair
- 2011 RSNA National Meeting, Radiation Oncology & Radiobiology – Biology Session, Co-Chair
- 2011 RSNA National Meeting, BOOST: Genitourinary – Integrated Science & Practice Session, Co-Chair
- 2012 ASTRO National Meeting, Session V - Translational Radiobiology Session, Co-Chair
- 2012-2013 Radiation Research Society (RRS) Annual Meeting Program Committee
- 2013 RRS National Meeting, Topical Review – Recent Advancements in Production of Genetically Engineered Mice Session, Chair
- 2013 RRS National Meeting, Symposium – Immune Modulation and Radiation Strategies - Improving Local and Abscopal Responses Session, Chair
- 2013 ASTRO National Meeting, Session F - DNA Damage and Repair: Novel Biological Principles and Targeted Radiosensitization Strategies Session, Co-Chair
- 2013 RSNA National Meeting, Radiation Oncology & Radiobiology – Genitourinary Session, Co-Chair
- 2013 RSNA National Meeting, BOOST: Genitourinary – Integrated Science & Practice Session, Co-Chair
- 2014 Prostate Cancer UK 11th Biennial Prostate Cancer Forum – Management: Low-Risk Disease Session, Co-Chair
- 2014 RRS National Meeting, Symposium – Radiation Response of Normal Tissue Stem Cells Session, Chair
- 2014 ASTRO National Meeting, Session SS X - Biology 3 - Biomarkers and Imaging, Co-Chair
- 2014 JHU SOM Radiation Oncology and Molecular Radiation Sciences Annual Research Retreat, Retreat Co-Organizer
- 2015 ASTRO National Meeting, Session EE - Biology V - Imaging and Circulating Biomarkers, Co-Chair
- 2016 3rd Amtrak Alliance - Baltimore-Philadelphia Prostate Cancer Summit – Localized Prostate Cancer Session, Chair
- 2016 ASTRO National Meeting, Session ePoster 14 - Biology – Translational Research: Risk Stratification and Prediction of Response Session, Discussant
- 2016 RRS National Meeting, Symposium – Lung Cancer Session, Chair
- 2017 American Radium Society (ARS) National Meeting, GU Poster Walk, Moderator
- 2017 NCI-ASTRO-SITC Immunotherapy Workshop – Incorporating Radiation Oncology into Immunotherapy, Workshop Co-Chair
- 2017 ASTRO National Meeting, Session ES – Altering the Natural History of Oligometastatic Prostate Cancer: "Reality versus Illusion" Session, Chair
- 2017 The 8th EMT International Association (TEMTIA) Meeting, Session 6 – EMT Regulatory Mechanisms I, Chair
- 2018 FDA-AACR-ASTRO Regulatory Science and Policy Workshop - Clinical Development of Drug-radiotherapy Combinations, Workshop Co-Chair
- 2018 ASTRO-AACR Tumor Microenvironment Workshop - Targeting the Tumor Microenvironment in Radiation Oncology, Immune Response Session, Chair
- 2018 ASCO Advantage Oncology Education for Industry Professionals – Advanced Prostate Cancer Program, Subject Matter Expert & Faculty
- 2019 Movember GAP6 Strategy Meeting – What’s Hot and What’s Not in Oligomets, Chair
- 2019 ASCO Advantage Oncology Education for Industry Professionals – Localized Prostate Cancer Program, Subject Matter Expert & Faculty
- 2019 AACR National Meeting - Nonclinical Models of Cancer Minisymposia, Co-Chair
- 2019 ASCO National Meeting – Grant Writing Workshop, Mock Reviewer
- 2019 ASTRO Research Spotlight: ASTRO’s Research Award Winners, Moderator
- 2019 American Urological Association (AUA)-JHGBCI Bladder Cancer Symposium Steering Committee

- 2020 ASCO Advantage Oncology Education for Industry Professionals – Prostate Cancer Basics Program, Subject Matter Expert & Faculty
- 2020 ASCO Advantage Oncology Education for Industry Professionals – Advanced Prostate Cancer Program, Subject Matter Expert & Faculty

Editorial Activities:

- 2015-2017 Cancer Research, Associate Editor – Breaking Advances
- 2018-2020 Journal of Clinical Oncology, Editorial Board
- 2018-2020 Cancer Research, Senior Editor

Ad Hoc Reviewer:

- 2008- International J. of Radiation Oncology Biology Physics
- 2008- Gynecologic Oncology
- 2009- Radiation Oncology
- 2009- Cancer Biology & Therapy
- 2009- Clinical Cancer Research
- 2009- British J. of Urology International
- 2010- The Prostate
- 2011- Journal of Visualized Experiments
- 2012- British J. of Cancer
- 2012- Laboratory Investigation
- 2012- PLoS ONE
- 2012- Current Medicinal Chemistry
- 2013- Biochimica et Biophysica Acta – General Subjects
- 2013- Cell Biology and Toxicology
- 2013- Translational Oncology
- 2013- Journal of Clinical Oncology
- 2013- American Journal of Respiratory and Critical Care Medicine
- 2013- Clinical Lung Cancer
- 2014- Translational Research
- 2014- Urology
- 2014- American Journal of Clinical Oncology
- 2014- International Journal of Radiation Biology
- 2014- Molecular Cancer Research
- 2014- Antiviral Research
- 2014- Cancer Research
- 2015- Nature Communications
- 2015- Oncotarget
- 2015- JAMA Oncology
- 2015- Aging
- 2015- European Urology
- 2015- Cancer
- 2016- Neoplasia
- 2016- Cells Tissues Organs
- 2016- Cancer Immunology Research
- 2016- Cureus
- 2016- Prostate Cancer and Prostatic Diseases
- 2017- Molecular Cancer Therapeutics
- 2017- Brachytherapy
- 2017- Journal of Clinical Investigation
- 2017- Trends in Pharmacological Sciences
- 2018- European Urology Oncology
- 2018- Proceedings of the National Academy of Sciences of the USA

2018- Science Translational Medicine
2018- Clinical and Experimental Metastasis
2019- Theranostics
2019- Nature Reviews Clinical Oncology
2019- Cancer Letters
2019- Biochimica et Biophysica Acta – Molecular Basis of Disease
2019- Experimental Cell Research
2020- Lancet Oncology
2020- Frontiers in Oncology
2020- Journal for ImmunoTherapy of Cancer
2020- Molecular Oncology

Publications (Google Scholar H-index 46; >6425 citations):**Total as 1st/corresponding/senior author: 64 (38 original research)****Peer Reviewed Original Research:**

1. Tsutomu Nobori, Kenji Takabayashi, **Phuoc Tran**, Lisa Orvis, Ayse Batova, Alice L. Yu, and Dennis A. Carson. Genomic cloning of methylthioadenosine phosphorylase: A purine metabolic-enzyme deficient in multiple different cancers. *Proc Natl Acad Sci USA* 93 (1996) 6203-6208. PMID: 8650244; PMCID: PMC39214.
2. Hiroki Hori, **Phuoc Tran**, Carlos J. Carrera, Yasuko Hori, Michael D. Rosenbach, Dennis A. Carson and Tsutomu Nobori. Methylthioadenosine Phosphorylase cDNA Transfection Alters Sensitivity to Depletion of Purine in A549 Lung Cancer Cells. *Cancer Res* 56 (1996) 5653-5658. PMID: 8971171.
3. **Phuoc T. Tran**, Hiroki Hori, Yasuko Hori, Katsuzumi Okumura, Kazuhiro Kagotani, Hiroshi Taguchi, Dennis A. Carson and Tsutomu Nobori. Molecular cloning of the human methylthioadenosine phosphorylase processed pseudogene and localization to 3q28. *Gene* 186 (1997) 263-269. PMID: 9074505.
4. **Phuoc T. Tran** and R. Michael Liskay. Functional Studies on the Candidate ATPase Domains of *Saccharomyces cerevisiae* MutL-alpha. *Mol Cell Biol* 20 (2000) 6390-6398. PMID: 10938116; PMCID: PMC86114.
5. Jayson Bowers, **Phuoc T. Tran**, R. Michael Liskay, and Eric Alani. Analysis of yeast MSH2-MSH6 suggests that the initiation of mismatch repair can be separated into discrete steps. *J Mol Biol* 302 (2000) 327-338. PMID: 10970737.
6. **Phuoc T. Tran**, Jeffery A. Simon and R. Michael Liskay. Interactions of Exo1p with components of MutL-alpha in *Saccharomyces cerevisiae*. *Proc Natl Acad Sci USA* 98 (2001) 9760-9765. PMID: 11481425; PMCID: PMC55526.
7. Jayson Bowers, **Phuoc T. Tran**, Amita Joshi, R. Michael Liskay, and Eric Alani. MSH-MLH complexes formed at a DNA mismatch are disrupted by the PCNA sliding clamp. *J Mol Biol* 306 (2001) 957-968. PMID: 11237611.
8. **Phuoc T. Tran**, Naz Erdeniz, Sandra Dudley and R. Michael Liskay. Characterization of nuclease-dependent functions of Exo1p in *Saccharomyces cerevisiae*. *DNA Repair* 1 (2002) 895-912. PMID: 12531018.
9. Caroline Welz-Voegele, Jana E. Stone, **Phuoc T. Tran**, Hutton M. Kearney, R. Michael Liskay, Thomas D. Petes and Sue Jinks-Robertson. Alleles of the yeast *PMS1* mismatch repair gene that differentially affect recombination- and replication-related processes. *Genetics* 162 (2002) 1131-1145. PMID: 12454061; PMCID: PMC1462331.
10. Sumeet S. Chugh, Olga Senashova, Allison Watts, **Phuoc T. Tran**, Zhengfeng Zhou, Qiuming Gong, Jack L. Titus and Susan J. Hayflick. Postmortem Molecular Screening in Unexplained Sudden Death. *J Am Coll Cardiol* 43 (2004) 1625-1629. PMID: 15120823.
11. **Phuoc T. Tran**, Zheng Su, Percy Lee, Philip Lavori, Amreen Husain, Nelson Teng & Daniel S. Kapp. Prognostic Factors for Outcomes and Complications for Primary Squamous Cell Carcinoma of the Vagina Treated with Radiation. *Gynecol Oncol* 105 (2007) 641-649. PMID: 17363046.
12. **Phuoc T. Tran**, Zheng Su, Wendy Hara, Amreen Husain, Nelson Teng & Daniel S. Kapp. Long Term Survivors Using Intraoperative Radiation Therapy for Recurrent Gynecologic Malignancies. *Int J Radiat Oncol Biol Phys* 69 (2007) 504-511. PMID: 17560736.

13. **Phuoc T. Tran***, Julien Fey*, Naz Erdeniz*, Lionel Gellon, Serge Boiteux and R. Michael Liskay. A mutation in *EXO1* defines separable roles in DNA mismatch repair and post-replication repair. ***DNA Repair*** 6 (2007) 1572-1583. PMID: 17602897; PMCID: PMC2447855.
* - these authors contributed equally.
14. **Phuoc T. Tran***, Wendy Hara*, Zheng Su, H. Jill Lin, Pavan K. Bendapudi, Jeffrey Norton, Nelson Teng, Christopher R. King & Daniel S. Kapp. Intraoperative Radiation Therapy for Locally Advanced and Recurrent Soft Tissue Sarcomas in Adults. ***Int J Radiat Oncol Biol Phys*** 72 (2008) 1146-1153. PMID: 18394818.
* - these authors contributed equally.
15. **Phuoc T. Tran***, Alice C. Fan*, Pavan K. Bendapudi*, Shan Koh, Kim Komatsubara, Joy Chen, George Horng, David I. Bellovin, Sylvie Giuriato, Criag S. Wang, Jeffrey A. Whitsett and Dean W. Felsher. Combined Inactivation of MYC and K-ras Oncogenes Reverses Tumorigenesis in Lung Adenocarcinomas and Lymphomas. ***PLoS ONE*** 3 (2008) e2125. PMID: 18461184; PMCID: PMC2365560.
* - these authors contributed equally.
16. Wendy Hara, **Phuoc Tran**, Gordon Li, Zheng Su, Putipun Puataweepong, John Adler, Steven Chang, Scott Soltys and Iris C. Gibbs. Cyberknife for brain metastases of malignant melanoma and renal cell carcinoma. ***Neurosurgery*** 64 (2009) A26-32. PMID: 19165071.
17. Melissa Horoschak, **Phuoc T. Tran+**, Pavan Bachireddy, Robert B. West, David Mohler, Christopher Beaulieu, Daniel S. Kapp, and Sarah S. Donaldson. External beam radiation therapy enhances local control in pigmented villonodular synovitis. ***Int J Radiat Oncol Biol Phys*** 75 (2009) 183-187. PMID: 19211195.
+ - corresponding author.
18. Christopher H. Chapman, John Shen, Edith J. Filion, **Phuoc T. Tran**, Wendy Hara, Alfredo Asuncion, Daniel Marko, Heather Wakelee, Gerald J. Berry, Kevin W. Dimmick, Billy W. Loo, Jr., Jon Green. Marked tumor response and fatal hemoptysis during radiation for lung cancer in an HIV-positive patient taking nelfinavir. ***J Thorac Oncol*** 4 (2009) 1587-1589. PMID: 20009915.
19. Hu Zhou, Manuel Rodriguez, Fred van den Haak, Geoffrey Nelson, Rahil Jogani, Jiali Xu, Xinzhi Zhu, Yongjiang Xian, **Phuoc T. Tran**, Dean W. Felsher, Paul J. Keall, Edward E. Graves. Development of a MicroCT-Based Image-Guided Conformal Radiotherapy System for Small Animals. ***Int J Radiat Oncol Biol Phys*** 78 (2010) 297-305. PMID: 20395069; PMCID: PMC2906632.
20. Edward E. Graves, Marta Vilalta, Ivana K. Cecic, Janine T. Erler, **Phuoc T. Tran**, Dean Felsher, Leanne Sayles, Alejandro Sweet-Cordero Quynh-Thu Le and Amato J. Giaccia. Hypoxia in models of lung cancer: implications for targeted therapeutics. ***Clin Cancer Res*** 16 (2010) 4843-52. PMID: 20858837; PMCID: PMC2948600.
21. Pavan Bachireddy*, Diane Tseng*, Melissa Horoschak, Daniel T. Chang, Albert C. Koong, Daniel S. Kapp, **Phuoc T. Tran**. Orthovoltage intraoperative radiation therapy for pancreatic adenocarcinoma. ***Radiat Oncol*** 5 (2010) 105. PMID: 21059255; PMCID: PMC2987939.
* - these authors contributed equally.
22. Carsten H. Nielsen, Richard H Kimura, Nadia Withofs, **Phuoc T. Tran**, Zheng Miao, Jennifer Cochran, Zhen Cheng, Dean Felsher, Andreas Kjær, Juergen K. Willmann, Sanjiv S. Gambhir. PET Imaging of Tumor Neovascularization in a Transgenic Mouse Model with a Novel ⁶⁴Cu-DOTA-Knottin Peptide. ***Cancer Res*** 70 (2010) 9022-30. PMID: 21062977; PMCID: PMC3057960.

23. Alfred P. See*, Jing Zeng*, **Phuoc T. Tran**⁺, and Michael Lim⁺. Acute toxicity of second generation HIV protease-inhibitors in combination with radiotherapy: a retrospective case series. ***Radiat Oncol*** 6 (2011) 25. PMID: 21414215; PMCID: PMC3064638.
* - these authors contributed equally; and + - corresponding authors.
24. Jing Zeng, Alfred P. See, Khaled Aziz, Saravanan Thiyagarajan, Tarek Salih, Rajendra P. Gujula, Michael Armour, Jillian Phallen, Stephanie Terezakis, Lawrence Kleinberg, Kristen Redmond, Russell K. Hales, Roberto Salvatori, Alfredo Quinones-Hinojosa, **Phuoc T. Tran**⁺, Michael Lim⁺. Nelfinavir induces radiation sensitization in pituitary adenoma cells. ***Cancer Biol Ther*** 12 (2011) 657-63. PMID: 21811091.
+ - corresponding authors.
25. **Phuoc T. Tran**^{*}, Pavan K. Bendapudi*, H. Jill Lin*, Peter Choi, Shan Koh, Joy Chen, George Horng, Nicholas P. Hughes, Lawrence H. Schwartz, Vincent A. Miller, Toshiyuki Kawashima, Toshio Kitamura, David Paik⁺ and Dean W. Felsher⁺. Survival and Death Signals Can Predict Tumor Response to Therapy After Oncogene Inactivation. ***Sci Transl Med*** 3 (2011) 103ra99**. PMID: 21974937; PMCID: PMC3966995.
* - these authors contributed equally; and + - corresponding authors.
** - Highlighted by Comments in *Sci Transl Med*, *Cancer Res*, *Nat Rev Clin Oncol* and *Cancer Discovery*.
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36. Jing Zeng, Khaled Aziz, Michael Armour, Blake Aftab, Sivarajan Chettiar, Rajendra Gajula, Tarek Salih, Charles Rudin, **Phuoc Tran** and Russell Hales. Hedgehog inhibitor and radiotherapy in non-small cell lung cancer. ASTRO 2011 National Meeting.
37. **Phuoc T. Tran**, Emelyn H. Shroff, Timothy F. Burns, Saravanan Thiyagarajan, Sandhya T. Das, Tahera Zabuawala, Joy Chen, Yoon-Jae Cho, Richard Luong, Pablo Tamayo, Tarek Salih, Khaled Aziz, Stacey J. Adam, Silvestre Vicent, Carsten H. Nielsen, Nadia Withofs, Alejandro Sweet-Cordero, Sanjiv S. Gambhir, Charles M. Rudin and Dean W. Felsher. Reactivation of oncogene-induced senescence in autochthonous *Kras* lung tumors. 5th Biennial TEMTIA Meeting 2011. **TEMTIA Meeting Best Poster Award.**
38. David I. Bellovin, **Phuoc T. Tran**, Stacey J. Adam, Andrew J. Gentles, Stephanie Roessler, Saravanan Thiyagarajan, Khaled Aziz, Sivarajan Chettiar, Richard Luong, Sylvia K. Plevritis, Ash A. Alizadeh, Xin Wei Wang and Dean W. Felsher. A Transgenic Model of Twist1-induced Metastasis is Associated with a Gene Signature that is Prognostic in Patients with Hepatocellular Carcinoma. 5th Biennial TEMTIA Meeting 2011. **TEMTIA Meeting Travel Award.**
39. Jing Zeng, Alfred P. See, Jillian Phallen, Zineb Belcaid, Nicholas Durham, Christian Meyer, Yu Hua, Emilia Albesiano, Gustavo Pradilla, Eric Ford, Hans Hammers, Betty Tyler, Henry Brem, Andrew T. Parsa, **Phuoc T. Tran**, Drew Pardoll, Charles G. Drake, Michael Lim. Combining Anti-PD-1 (B7-H1) Immunotherapy with Stereotactic Radiosurgery in a Mouse Orthotopic Glioblastoma Model. Society of NeuroOncology 2011 Meeting.
40. Aaron T. Wild, Ariel E. Marciscano, Manuel Hidalgo, Daniel A. Laheru, Dung Le, Amy Hacker-Prietz, Mark A. Ziegler, Barish H. Edil, **Phuoc T. Tran**, Lei Zheng, Timothy M. Pawlik, Richard D. Schulick, Christopher L. Wolfgang, Joseph M. Herman. Preliminary results of a phase II study of erlotinib combined with adjuvant chemoradiation and chemotherapy in patients with resectable pancreatic cancer. AACR-NCI-EORTC Conference on Molecular Targets and Cancer Therapeutics 2011.
41. Jing Zeng, Alfred P. See, Jillian Phallen, Zineb Belcaid, Nicholas Durham, Christian Meyer, Timothy Harris, Emilia Albesiano, Gustavo Pradilla, Eric Ford, John Wong, Hans Hammers, Betty Tyler, Henry Brem, **Phuoc T. Tran**, Drew Pardoll, Charles G. Drake, Michael Lim. Combining Anti-PD-1 (B7-H1) Immunotherapy with Stereotactic Radiosurgery in a Mouse Orthotopic Glioblastoma Model. ICTR-PHE 2012 Meeting. **Oral presentation.**

42. **Phuoc T. Tran**, Jing Zeng, Khaled Aziz, Michael Armour, Blake Aftab, Sivarajan Chettiar, Rajendra Gajula, Tarek Salih, Nishant Gandhi, John Wong, Charles Rudin, and Russell Hales. Hedgehog pathway inhibition and radiotherapy for non-small cell lung cancer. ICTR-PHE 2012 Meeting. **Oral presentation.**
43. Aaron T. Wild, Ani Balmanoukian, Daniel A. Laheru, Lei Zheng, **Phuoc T. Tran**, Amy Hacker-Prietz, Susannah G. Yovino, Rachit Kumar, Mark A. Ziegler, Timothy M. Pawlik, Christopher L. Wolfgang, Stuart A. Grossman, Joseph M. Herman. Effect of chemoradiation-related lymphopenia on survival in patients with unresectable, locally advanced pancreatic adenocarcinoma. ASCO GI Cancers Symposium 2012.
44. T. F. Burns, I. Dobromilskaya, S. C. Murphy, R. P. Gajula, K. Aziz, Y-J. Cho, **P. T. Tran**, C. M. Rudin. TWIST1 is a critical mediator of *KRAS* mutant tumorigenesis in human non-small lung cancer. AACR Annual Meeting 2012.
45. David I. Bellovin, **Phuoc T. Tran**, Stacey J. Adam, Andrew J. Gentles, Xin W. Wang and Dean W. Felsher. Transgenic mouse model of Twist1-induced metastasis reveals genes highly prognostic for human hepatocellular carcinoma. AACR Annual Meeting 2012.
46. Guus M. Bol, **Phuoc T. Tran**, Farhad Vesuna, Min Xie, Paul J. van Diest and Venu Raman. RK-33, a novel small molecule for lung cancer therapy via inhibition of NHEJ. AACR Annual Meeting 2012.
47. Wild AT, Kim K, Khashab MA, Shin EJ, Canto MI, Laheru DA, Ziegler MA, **Tran PT**, Pawlik TM, Wolfgang CL, Herman JM. Stereotactic Body Radiation Therapy as a Novel Treatment Option for Locally Recurrent Pancreatic Cancer after Failure of Definitive Multimodality Therapy. 46th Annual 2012 Meeting of the Pancreas Club, San Diego, CA.
48. Wild AT, Balmanoukian AS, Laheru DA, Zheng L, **Tran PT**, Hacker-Prietz A, Yovino S, Kumar R, Ziegler MA, Pawlik TM, Wolfgang CL, Grossman SA, Herman JM. Effect of chemoradiation-related lymphopenia on survival in patients with unresectable, locally advanced pancreatic adenocarcinoma. 46th Annual 2012 Meeting of the Pancreas Club, San Diego, CA.
49. Wild AT, Yovino S, Smith JA, Ziegler MA, Laheru DA, Zheng L, Balmanoukian AS, **Tran PT**, Pawlik TM, Wolfgang CL, Grossman SA, Herman JM. Degree of chemoradiation-associated lymphopenia is related to radiation field size in patients with locally advanced pancreatic cancer. American Radium Society (ARS) Meeting 2012.
50. Russell Hales, Khaled Aziz, Blake Aftab, Sivarajan Chettiar, Rajendra Gajula, Nishant Gandhi, Tarek Salih, Charles M. Rudin, **Phuoc Tran** and Jing Zeng. Hedgehog pathway inhibition radiosensitizes non-small cell lung cancers through tumor-microenvironment interaction. 2012 Chicago Multidisciplinary Symposium in Thoracic Oncology.
51. **P.T. Tran**, N. Gandhi, A.T. Wild, K. Aziz, S. Chettiar, R. Gajula, J. Zeng, J. Herman, T.L. DeWeese, R.K. Hales. Hsp90 inhibitor NVP-AUY922 radiosensitizes prostate cancer cells in vitro and in vivo. 58th Annual 2012 Radiation Research Society (RRS) Meeting.
52. Wild AT, Kim KJ, Tryggstad E, Roland T, Shin EJ, **Tran PT**, Kumar R, Wong J, Khashab MA, Herman JM. Utility of fiducials in image-guided SBRT for patients with locally advanced pancreatic cancer: Analysis of visibility and migration. **Poster discussion** for the ASTRO 2012 national meeting.
53. A.T. Wild, S.M. Hiniker, M.R. Limaye, D.T. Chang, D.A. Laheru, **P.T. Tran**, T.M. Pawlik, C.L. Wolfgang, A.C. Koong, J.M. Herman. SBRT as a novel treatment option for locally recurrent pancreatic cancer after failure of definitive multimodality therapy: A multi-institutional case series. ASTRO 2012 National Meeting.

54. Wild AT, Gandhi N, Aziz KA, Chettiar ST, Gajula RP, Kumar R, Torbenson MS, Hales RK, Herman JM, **Tran PT**. Concurrent versus sequential sorafenib therapy in combination with radiation for hepatocellular carcinoma: A preclinical study. ASTRO 2012 National Meeting.
55. Sara Alcorn, Jonathan Katzman, Erik Tryggestad, Teboh Roland, Sarah Han-Oh, **Phuoc Tran**, Todd McNutt, Russell Hales. Multi-site assessment of the utility of daily cone beam-CT in achieving clinical radiotherapy setup margin. ASTRO 2012 National Meeting.
56. Sara Alcorn, Erik Tryggestad, Teboh Roland, Sarah Han-Oh, **Phuoc Tran**, Todd McNutt, Danny Song, Russell Hales. Utility of daily cone beam CT in predicting setup within clinical CTV-PTV margins in lung radiotherapy. ASTRO 2012 National Meeting.
57. Susan M. Hiniker, Audrey Roux, James Murphy, **Phuoc T. Tran**, Daniel S. Kapp, Elizabeth Kidd. Primary Squamous Cell Carcinoma of the Vagina: Prognostic Factors, Treatment Patterns, and Outcomes. ASTRO 2012 National Meeting.
58. N. Gandhi, A.T. Wild, K. Aziz, S. Chettiar, R. Gajula, J. Zeng, J. Herman, T.L. DeWeese, R.K. Hales, **P.T. Tran**. Novel Hsp90 inhibitor NVP-AUY922 radiosensitizes prostate cancer cells. ASTRO 2012 National Meeting. **Poster discussion** for the ASTRO 2012 national meeting.
59. Rajendra Gajula, Sivarajan Chettiar, Russell Williams, Saravanan Thiyagarajan, Khaled Aziz, Nishant Gandhi, Aaron Wild, Tarek Salih, Yoshinori Kato, Jessica Cades, Elana Fertig, Christine Chung¹, Joseph Herman, Russell Hales, Charles Rudin, Steven An, **Phuoc T. Tran**. The Twist box domain is required for Twist1-induced metastasis of prostate cancer cells. AACR Tumor Invasion and Metastasis Meeting 2013.
60. Katherine Y. Fan, Aaron T. Wild, Daniel A. Laheru, Timothy M. Pawlik, Lei Zheng, Dung T. Le, **Phuoc T. Tran**, Avani Dholakia, Rachit Kumar, Susannah G. Yovino, Amy Hacker-Prietz, Zeshaan Rasheed, Ana De Jesus-Acosta, Matthew J. Weiss, Martin A. Makary, John L. Cameron, Ralph H. Hruban, Elliott K. Fishman, Christopher L. Wolfgang, Joseph M. Herman. Phase II Study of Erlotinib Combined with Adjuvant Chemoradiation and Chemotherapy for Resectable Pancreatic Cancer. ASCO GI Cancers Symposium 2013.
61. Katherine Y. Fan, Aaron T. Wild, Amy Hacker-Prietz, Laura Wood, Amanda L. Blackford, **Phuoc T. Tran**, Rachit Kumar, Susannah Ellsworth, Avani Dholakia, Lei Zheng, Dung T. Le, Ana De Jesus-Acosta, Zeshaan Rasheed, Martin A. Makary, Matthew J. Weiss, John L. Cameron, Timothy M. Pawlik, Daniel A. Laheru, Ralph H. Hruban, Elliott K. Fishman, Christopher L. Wolfgang, Joseph M. Herman M.D. Treating Pancreatic Cancer Patients with Erlotinib Based Adjuvant Therapy Following Pancreaticoduodenectomy or Pancreatectomy. **Oral presentation** for the ARS Meeting 2013.
62. Rajendra P. Gajula, Sivarajan T. Chettiar, Russell D. Williams, Saravanan Thiyagarajan, Yoshinori Kato, Khaled Aziz, Ruoqi Wang, Nishant Gandhi, Aaron T. Wild, Farhad Vesuna, Jinfang Ma, Tarek Salih, Jessica Cades, Elana Fertig, Shyam Biswal, Timothy F. Burns, Christine Chung, Charles M. Rudin, Venu Raman, Joseph M. Herman, Russell K. Hales, Steven An, **Phuoc T. Tran**. The Twist box is required for Twist1-induced prostate cancer metastasis. AACR Annual Meeting 2013.
63. Sanjay Chandrasekaran, Gary D. Kao, David Steinmetz, Emigdio Reyes, Xiangsheng Xu, Nishant Gandhi, **Phuoc T. Tran**, Jay F. Dorsey, Stephen M. Hahn. Towards “Personalized Medicine”? : A Novel Live-cell Assay for Detecting Both Epithelial and Non-epithelial Circulating Tumor Cells. NCI-ASTRO Technology in Radiation Oncology Conference 2013.
64. Katherine Y. Fan, Avani S. Dholakia, Aaron T. Wild, Zheng Su, Amy Hacker-Prietz, Rachit Kumar, Mary Hodgin, Charles C. Hsu, Dung T. Le, Ana De Jesus-Acosta, Luis A. Diaz Jr., Daniel A. Laheru, Ralph H. Hruban, Elliot K. Fishman, Todd D Brown, Timothy M. Pawlik, Christopher L. Wolfgang, **Phuoc T. Tran**,

- Joseph M. Herman. Hemoglobin-A1c level predicts for clinical outcomes in patients with pancreatic cancer. ASCO 2013 National Meeting.
65. Wild AT, Dholakia AS, Fan KY, Kumar R, Laheru DA, Diaz LA Jr., Zheng L, Le DT, De Jesus-Acosta A, Ellsworth S, Hacker-Prietz A, Voong KR, Weiss MJ, Hruban RH, **Tran PT**, Cameron JL, Pawlik TM, Wolfgang CL, Herman JM. Efficacy of platinum chemotherapy agents in the adjuvant setting for adenocarcinoma of the pancreas. ASCO 2013 National Meeting.
 66. **Phuoc T. Tran**, David I. Bellovin, Stacey J. Adam, Andrew J. Gentles, Stephanie Roessler, Saravanan Thiyagarajan, Khaled Aziz, Sivarajan Chettiar, Richard Luong, Sylvia K. Plevritis, Ash A. Alizadeh, Xin Wei Wang and Dean W. Felsher. Twist1 Induces the Step-wise Malignant Progression of Liver Cancer in Transgenic Mice Revealing a Prognostic 19-Gene Signature for Humans. **Poster discussion** for the ASTRO 2013 National Meeting.
 67. Sanjay Chandrasekaran, Nishant Gandhi, David Steinmetz, Russell Williams, Robert A. Lustig, Michelle Alonso-Basanta, **Phuoc T. Tran**, Gary D. Kao, Jay F. Dorsey, Stephen M. Hahn. Detection of Circulating Tumor Cells of Non-Epithelial Origin: A Bench to Bedside Approach. **Oral presentation** for the ASTRO 2013 National Meeting.
 68. Wild AT, Bellovin B, Chettiar ST, Gandhi NG, Gajula RP, Williams RD, Cades JA, Walker A, Felsher D, Herman JM, **Tran PT**. Twist1 overexpression induces resistance to sorafenib in hepatocellular carcinoma cells. ASTRO 2013 National Meeting.
 69. S.T. Chettiar, R.P. Gajula, R. Williams, N. Gandhi, S. Thiyagarajan, K. Aziz, A.T. Wild, Y. Kato, J.M. Herman, R.K. Hales, S. An and **P.T. Tran**. Structure-function studies of the phosphorylated bHLH domain of the Twist1 oncoprotein for prostate cancer metastasis. **Poster discussion** for the ASTRO 2013 National Meeting.
 70. Wild AT, Ellsworth SG, Ford E, Dholakia AS, Fan KY, Kumar R, Ye X, **Tran PT**, Grossman SA, Herman JM. Stereotactic body radiation therapy results in less severe treatment-related lymphopenia than conventional chemoradiation therapy in patients with locally advanced pancreatic cancer. ASTRO 2013 National Meeting. **Oral presentation** for the ASTRO 2013 National Meeting.
 71. Avani S. Dholakia, Rachit Kumar, Siva P. Raman, Susannah G. Yovino, Aaron T. Wild, Katharine Y. Fan, Amy Hacker-Prietz, **Phuoc T. Tran**, Christopher L. Wolfgang, Joseph M. Herman. Mapping Patterns of Local Failure Following Pancreaticoduodenectomy for Pancreatic Cancer: A New Approach to Adjuvant Radiation Fields. ASTRO 2013 National Meeting. **Oral presentation** for the ASTRO 2013 National Meeting.
 72. T. J. Harris, C. Jackson, N. Gandhi, **P. Tran**, C. G. Drake. Immune Checkpoint Upregulation Following Radiotherapy: Rationale For Combining Radiotherapy With Multiple Immune Checkpoint Blockades. **Oral presentation** for the ASTRO 2013 National Meeting.
 73. R.P. Gajula, S.T. Chettiar, R. Williams, N. Gandhi, A.T. Wild, S. Thiyagarajan, K. Aziz, Y. Kato, D. Lee, J. Cades, E. Fertig, B. Firulli, C. Rudin, R.K. Hales, J.M. Herman, A. Firulli, S. An, **P.T. Tran**. The Twist1 bHLH phosphorylation domain is required for Twist1-induced metastasis of prostate cancer. 59th Annual 2013 RRS Meeting.
 74. A. Annadanam, S.T. Chettiar, N. Gandhi, A. Wild, J. Herman, **P.T. Tran**. Hsp90 Inhibitor Ganetespib Radiosensitizes Liver Cancer Cells. Biomedical Engineering Society (BMES) Annual Meeting 2013.
 75. Rajendra Gajula, Sivarajan Chettiar, Russell Williams, Saravanan Thiyagarajan, Yoshinori Kato, Khaled Aziz, Ruoqi Wang, Nishant Gandhi, Aaron Wild, Farhad Vesuna, Jinfang Ma, Tarek Salih, Jessica Cades,

- Elana Fertig, Shyam Biswal, Timothy F. Burns, Christine Chung, Charles Rudin, Venu Raman, Joseph Herman, Russell K. Hales, Steven An, **Phuoc T. Tran**. The Twist box domain is required for TWIST1-induced metastasis of prostate cancer cells. 20th Annual Prostate Cancer Foundation (PCF) Meeting 2013.
76. Rajendra Gajula, Sivarajan Chettiar, Russell Williams, Saravanan Thiyagarajan, Khaled Aziz, Nishant Gandhi, Aaron Wild, Yoshinori Kato, Elana Fertig, Charles Rudin, Venu Raman, Steven An, **Phuoc T. Tran**. The Twist box domain is required for TWIST1-induced metastasis of prostate cancer cells. 6th Biennial TEMTIA Meeting 2013.
77. Eliah R. Shamir, **Phuoc T. Tran** and Andrew J. Ewald. Building a novel molecular model for Twist1-induced epithelial dissemination. AACR Frontiers in Basic Cancer Research 2013.
78. Sarah Manmiller, Sivarajan T Chettiar, Anvesh Annadanam, Rajendra Gajula, Russell Williams, **Phuoc T. Tran**. Determining the Significance of Trim28 for Twist1-induced Epithelial-Mesenchymal Transition. American Biomedical Research Conference for Minority Students 2013.
79. Debasish Sundi, Vinson Wang, Phillip M. Pierorazio, Misop Han, Alan W. Partin, **Phuoc T. Tran**, Ashley E. Ross, Trinity J. Bivalacqua. Identification of men with the highest risk of early disease recurrence after radical prostatectomy. Society of Urologic Oncology (SUO) Annual Meeting 2013.
80. Sarah N.H. Chatley, Jessica A. Cades, Neil Neumann, Lucia Mazzacurati, Zachary Yochum, Katriana Nugent, Yoon-Jae Cho, Andrew Ewald, Charles M. Rudin, **Phuoc T. Tran** and Timothy F. Burns. Screening for TWIST1 inhibitors as a novel therapy for oncogene driven lung cancer. AACR-IASLC Joint Conference on the Molecular Origins of Lung Cancer 2014.
81. Aaron T. Wild, Avani S. Dholakia, Katherine Yu-Ting Fan, Rachit Kumar, Daniel A. Laheru, Lei Zheng, Ana De Jesus-Acosta, Susannah G. Ellsworth, Amy Hacker-Prietz, K Ranh Voong, Ralph H. Hruban, **Phuoc T. Tran**, Timothy M. Pawlik, Christopher L. Wolfgang, Joseph M. Herman. Efficacy of platinum chemotherapy agents in the adjuvant setting for adenocarcinoma of the pancreas. ASCO GI Cancers Symposium 2014.
82. David I. Bellovin, Stacey J. Adam, Meital Gabay, Sivarajan T. Chettiar, Stephanie Roessler, Russell D. Williams, Julia Arzeno, Katriana Nugent, Andrew J. Gentles, Richard Luong, Ash A. Alizadeh, Xin W. Wang, Dean W. Felsher, **Phuoc T. Tran**. Twist1 Induces the Step-wise Malignant Progression of Liver Cancer in Transgenic Mice Revealing a Prognostic 19-Gene Signature for Humans. Cold Spring Harbor Laboratories Meeting – Mechanisms and Models of Cancer 2014.
83. Kekoa Taparra, Katriana Nugent, Hailun Wang, Reem Malek, Dean W. Felsher, **Phuoc T. Tran**. Snai1 accelerates Kras^{G12D} driven lung tumorigenesis by overcoming oncogene-induced senescence. Cold Spring Harbor Laboratories Meeting – Mechanisms and Models of Cancer 2014.
84. Rajendra P. Gajula, Russell D. Williams, Reem Malek, Katriana Nugent, Amanda J. Walker, Sivarajan T. Chettiar, Hailun Wang, Kekoa Taparra, Jessica Cades, Steven An, Joseph M. Herman, **Phuoc T. Tran**. A TWIST1-MLL-HOTTIP complex regulates *HOXA9* chromatin to facilitate metastasis in prostate cancer. **Poster discussion** for the ASTRO 2014 National Meeting.
85. Narang AK, Ram AN, Robertson S, Hei P, Griffith E, Singh H, DeWeese, TA, Honig, S, McNutt T, Song DY, **Tran PT**, DeWeese TL. End of treatment PSA as a novel prognostic factor in patients undergoing definitive radiation for prostate cancer. ASTRO 2014 National Meeting.
86. Ram AN, Robertson S, Narang AK, Hei P, Griffith E, Singh H, DeWeese TA, Honig S, McNutt T, DeWeese TL, Song DY, **Tran PT**. Prognostic value of PSA nadir in patients undergoing definitive radiation for prostate cancer. ASTRO 2014 National Meeting.

87. Robertson S, Narang AK, Ram AN, He P, Griffith E, Singh H, DeWeese TA, Honig S, McNutt T, **Tran PT**, DeWeese TL, Song DY. Prognostic and therapeutic implications of PNI in prostate cancer patients undergoing definitive radiation. ASTRO 2014 National Meeting.
88. Amanda J. Walker, Chris Nirschle, Katriana Nugent, Tom Nirschle, Hailun Wang, Tim Harris, Andrew Sharabi, Reem Malek, Esteban Velerde, Joseph M. Herman, John Wong, Charles Drake, **Phuoc T. Tran**. Tumor and immunological responses from checkpoint blockade and radiation therapy in an autochthonous mouse model of lung cancer. **Oral presentation** for the ASTRO 2014 National Meeting. **ASTRO National Meeting Abstract Award.**
89. Narang AK, Robertson S, Ram AN, He P, Sundi D, Griffith E, Singh H, DeWeese TA, Honig S, McNutt T, Ross AE, Bivalacqua TJ, Schaeffer EM, Partin AW, DeWeese TL, **Tran PT**, Song DY. Very-high-risk localized prostate cancer – outcomes following definitive radiation. **Oral presentation** for the ASTRO 2014 National Meeting.
90. Ram AN, Narang AK, Robertson S, He P, Sundi D, Griffith E, Singh H, DeWeese TA, Honig S, McNutt T, Schaeffer EM, Ross AE, Bivalacqua TJ, Partin AW, Song DY, **Tran PT**, DeWeese TL. Multiple intermediate-risk factors as a prognostic tool for men with localized prostate cancer. ASTRO 2014 National Meeting.
91. Minh-Phuong Huynh-Le, Zhe Zhang, **Phuoc Tran**, Theodore DeWeese, Danny Y Song. Discrepancies in toxicity grading of rectal bleeding: a survey of radiation oncologists who treat prostate cancer. ASTRO 2014 National Meeting.
92. Amanda J. Walker, Chris Nirschle, Katriana Nugent, Hailun Wang, Timothy Harris, Reem Malek, Russell Hales, John Wong, Charles Drake, **Phuoc T. Tran**. Tumor and immunological responses from checkpoint blockade and radiation therapy in an autochthonous mouse model of lung cancer. 60th Annual 2014 RRS Meeting.
93. Rajendra P. Gajula, Russell D. Williams, Reem Malek, Katriana Nugent, Sivarajan T. Chettiar, Hailun Wang, Kekoa Taparra, Jessica Cades, Joseph M. Herman, **Phuoc T. Tran**. A TWIST1-MLL-WDR5-HOTTIP complex regulates HOXA9 chromatin to facilitate metastasis of prostate cancer. 21st Annual PCF Meeting 2014.
94. Amanda J. Walker, Chris Nirschle, Katriana Nugent, Tom Nirschle, Timothy J. Harris, Hailun Wang, Andrew Sharabi, Esteban Velerde, Reem Malek, Russell Williams, Jessica Cades, Kekoa Taparra, Rajendra Gajula, Joseph M. Herman, John Wong, Russell K. Hales, Charles G. Drake, **Phuoc T. Tran**. Combining checkpoint blockade with radiation therapy results in tumor and immunological responses in an autochthonous mouse model of lung cancer. 2014 Chicago Multidisciplinary Symposium in Thoracic Oncology.
95. Andrew J. Armstrong, Susan Halabi, Patrick Healy, Robert Lee, Bridget F. Koontz, Judd W. Moul, Kelly Mundy, Patricia Creel, Sarah Yenser Wood, Kristen Davis, Brooke Reimer, Minh Nguyen, Avery N. Spitz, Ellen Bratt, Sung Kim, **Phuoc T. Tran**, Mark N. Stein, Michael Anthony Carducci, Daniel J. George. A phase 2 multimodality trial of docetaxel/prednisone with sunitinib followed by salvage radiation therapy (RT) in men with PSA recurrent prostate cancer (PC) after radical prostatectomy (RP). Genitourinary Cancers Symposium 2015.
96. **Tran PT**, Narang AK, Ram AN, Robertson S, Hei P, Griffith E, Singh H, DeWeese, TA, Honig, S, McNutt T, Song DY, DeWeese TL. End of radiation PSA as a novel prognostic factor in patients undergoing definitive radiation for prostate cancer. Genitourinary Cancers Symposium 2015.

97. Daniel Y. Song, Amol Narang, Scott P. Robertson, Ashwin Ram, Pei He, Debasish Sundi, Emily Griffith, Harleen Singh, Alex DeWeese, Stephanie Honig, Todd R. McNutt, Ashley Ross, Trinity Bivalacqua, Edward M. Schaeffer, Alan W. Partin, Theodore L. DeWeese, **Phuoc T. Tran**. Very-high-risk localized prostate cancer – outcomes following definitive radiation. Genitourinary Cancers Symposium 2015.
98. Debasish Sundi, Jason Cohen, Vinson Wang, Mark W Ball, Farzana A Faisal, Amol Narang, **Phuoc Tran**, Danny Song, Theodore DeWeese, Ashley E Ross, Trinity J Bivalacqua, Edward M Schaeffer. Pre-treatment distinction of low-intermediate- from high-intermediate-risk among men with localized prostate cancer. American Urological Association (AUA) Annual Meeting 2015.
99. Frank Vendetti, Brian Leibowitz, Alan Lau, Jian Yu, Katriana Nugent, **Phuoc Tran**, Mark O'Connor, Christopher J. Bakkenist. Inhibition of ATR kinase activity for the treatment of lung cancer. **Invited oral presentation** for Fusion Conferences 2015 – Exploring DNA Repair Pathways as Targets for Cancer Therapy.
100. Yochum ZA, Cades JA, Mazzacurati L, Chatley, S, **Tran PT**, Burns TF. TWIST1 is Required for Suppression of Apoptosis in Oncogene Driven Non-Small Cell Lung Cancer. AACR Annual Meeting 2015.
101. Kekoa Tapparra, Hailun Wang, Katriana Nugent, Russell Williams, Reem Malek, Jessica Cades, Dean W. Felsher, **Phuoc T. Tran**. Snai1 accelerates Kras driven lung tumorigenesis by overcoming oncogene-induced senescence. AACR Annual Meeting 2015. **AACR Minority Scholar in Cancer Research Award 2015**.
102. Bin Zhang, Ken Kang-Hsin Wang, Iulian Iordachita, Juvenal Reyes, **Phuoc T. Tran**, and John W. Wong. Evaluation of on- and off-line bioluminescence tomography system for focal irradiation guidance. American Association of Physicists in Medicine (AAPM) 2015 National Meeting.
103. Omar Y. Mian, Scott Robertson, Amol Narang, Hee Joon Bae, **Phuoc Tran**, Theodore L. DeWeese, Danny Y. Song. A Retrospective Review of 366 Patients Treated With LDR Prostate Brachytherapy at a Single Institution: Histopathologic, Biochemical, and Dosimetric Predictors of Outcome. American Brachytherapy Society (ABS) 2015 National Meeting.
104. Omar Y. Mian, Scott Robertson, Amol Narang, Sameer Agarwal, Hee Joon Bae, Todd McNutt, **Phuoc Tran**, Theodore L. DeWeese, Danny Y. Song. Dosimetric predictors of sexual function decline following LDR brachytherapy for prostate cancer (PCa). ASTRO 2015 National Meeting.
105. Lucia Mazzacurati, Jessica Cades, Sarah Chatley, Zachary Yochum, Katriana Nugent, Aswin Somasundaram, Yoon-Jae Cho, Charles Rudin, **Phuoc Tran**, Timothy Burns. Identification of a first in class TWIST1 inhibitor with activity in *KRAS* mutant NSCLC. 16th World Conference on Lung Cancer.
106. Kekoa Tapparra, Hailun Wang, Katriana Nugent, Reem Malek, Jen Groves, Gokben Yildirim, Brian Simons, Barry Nelkin, Natasha Zachara, **Phuoc T. Tran**. SNAI1 Regulates the Hexosamine Biosynthesis Pathway in Lung Cancer. 7th Biennial TEMTIA Meeting 2015.
107. Ken Kang-Hsin Wang, Bin Zhang, **Phuoc T. Tran**, Iulian Iordachita, Michael S. Patterson, and John W. Wong. Bioluminescence tomography guided system for small animal radiation research platform (SARRP). **Oral presentation** for the SPIE Photonics West 2016.
108. Ashley Ross, Robert Den, Kasra Yousefi, Bruce Trock, Elai Davicioni, Darby Thompson, Voleak Choerung, Zaid Haddad, Jeff Tosoian, **Phuoc Tran**, Firas Abdollah, Felix Feng, Adam Dicker, Stephen Freedland, R. Jeffery Karnes, Edward Schaeffer. Efficacy of Early and Delayed Radiation in a Prostatectomy Cohort Adjusted for Genomic and Clinical Risk. SUO Annual Meeting 2015.

109. Benjamin Benzon, Stephanie A. Glavaris, Brian W. Simons, Robert M. Hughes, Rebecca M Miller, Katriana Nugent, Brian Shinder, Lee Blosser, **Phuoc Tran**, Paula J Hurley, Milena Vuica-Ross, Edward M. Schaeffer, Charles G. Drake, Ashley E. Ross. Effect of local therapy on the systemic anti-tumor response in prostate cancer. SUO Annual Meeting 2015.
110. Benjamin Benzon, Mandeep Takhar, Nicholas Erho, Mohammed Alshalalfa, Paula Hurley, Stephanie Glavaris, Brian Simons, Michael Haffner, **Phuoc Tran**, Felix Feng, Elai Davicioni, Jeffrey Karnes, Edward M. Schaeffer, Charles G. Drake, Ashley E. Ross. B7-H3 expression is androgen related and predictive of prostate cancer outcomes in a large natural history cohort of men undergoing prostatectomy. SUO Annual Meeting 2015.
111. Jeffrey J. Tosoian, Debasish Sundi, Meera Chappidi, Ridwan Alam, Kenneth J. Pienta, **Phuoc T. Tran**, Edward M. Schaeffer, Ashley E. Ross. Contemporary Treatment Patterns and Short-Term Outcomes in Men with Very High Risk Prostate Cancer. SUO Annual Meeting 2015.
112. Robert Den, Kasra Yousefi, Bruce J. Trock, Elai Davicioni, Jeffrey Tosoian, Darby J. S. Thompson, Voleak Choeurng, Zaid Haddad, **Phuoc T. Tran**, Edouard John Trabulsi, Leonard G. Gomella, Costas D. Lallas, Firas Abdollah, Felix Yi-Chung Feng, Adam Dicker, Stephen J. Freedland, Jeffrey Karnes, Edward M. Schaeffer, Ashley Ross. Efficacy of Early and Delayed Radiation in a Prostatectomy Cohort Adjusted for Genomic and Clinical Risk. Genitourinary Cancers Symposium 2016.
113. Ashley Ross, Benjamin Benzon, Shuang Zhao, Mandeep Takhar, Michael Haffner, Nicholas Erho, Paula Hurley, Jeffrey J. Tosoian, Mohammed Alshalalfa, Stephanie Glavaris, Brian Simons, **Phuoc T. Tran**, Elai Davicioni, Jeffrey Karnes, Edward M. Schaeffer, Charles G. Drake, Felix Y. Feng. The Relationship of B7H3 expression to androgen and prostate cancer outcomes in a large natural history cohort of men undergoing prostatectomy. Genitourinary Cancers Symposium 2016.
114. Ashley Ross, Benjamin Benzon, Stephanie Glavaris, Brian Simons, Robert Hughes, Patrick Mullane, Rebecca Miller, Katriana Nugent, Brian Shinder, Richard Blosser, **Phuoc T. Tran**, Paula Hurley, Milena Vuica-Ross, Edward M. Schaeffer, Charles G. Drake. Effect of local therapy on the systemic anti-tumor response in prostate cancer. Genitourinary Cancers Symposium 2016.
115. Omar Y Mian, Scott P. Robertson, Amol Narang, Sameer Aggarwal, Hee Joon Bae, Carol Gergis, Todd R. McNutt, **Phuoc T. Tran**, Theodore L. DeWeese, Danny Song. Dosimetric predictors of sexual function decline following LDR brachytherapy for prostate cancer (PCa). Genitourinary Cancers Symposium 2016.
116. Michael A. Gorin, Steven P. Rowe, Margarita Mana-ay, Zsolt Szabo, Edward M. Schaeffer, **Phuoc T. Tran**, Mohamad E. Allaf, Curtiland Deville, Steve Y. Cho, Kenneth James Pienta, Martin G. Pomper, Ashley Ross. Study of PSMA-targeted ¹⁸F-DCFpyL PET/CT in the Evaluation of Men with an Elevated PSA Following Radical Prostatectomy. Genitourinary Cancers Symposium 2016.
117. Jeffrey J. Tosoian, Debasish Sundi, Brian Francis Chapin, Emmanuel S. Antonarakis, Meera Chappidi, Ridwan Alam, Stephanie Glavaris, R. Jeffrey Karnes, Kenneth James Pienta, **Phuoc T. Tran**, Edward M. Schaeffer, Ashley Ross. Contemporary Treatment Patterns and Short-Term Outcomes in Men with Very High Risk Prostate Cancer. Genitourinary Cancers Symposium 2016.
118. Ken Kang-Hsin Wang, Bin Zhang, **Phuoc T. Tran**, Iulian Iordachita, Michael S. Patterson, and John W. Wong. Bioluminescence tomography guided system for small animal radiation research platform (SARRP). 3rd Small Animal Precision Image-Guided Radiotherapy Symposium 2016.
119. Ashley E. Ross, Brian Shinder, Jeffrey Tosoian, Nicholas Erho, Mohammed Alshalalfa, Kasra Yousefi, Paula Hurley, Elai Davicioni, Felix Feng, **Phuoc Tran**, Edward Schaeffer. Primary Tumor Androgen Receptor Signaling as a Predictor of Castrate Resistance. AUA Annual Meeting 2016.

120. Ashley E. Ross, Robert Den, Kasra Yousefi, Bruce Trock, Elai Davicioni, Jeffrey Tosoian, Darby Thompson, Voleak Choeurng, Zaid Haddad, **Phuoc Tran**, Edouard Trabulsi, Leonard Gomella, Costas Lallas, Firas Abdollah, Felix Feng, Adam Dicker, Stephen Freedland, Jeffrey Karnes, Edward Schaeffer. Efficacy of early and delayed radiation in a prostatectomy cohort adjusted for genomic and clinical risk. AUA Annual Meeting 2016.
121. Jeffrey J. Tosoian, Debasish Sundi, Brian Chapin, R. Jeffrey Karnes, Emmanuel S. Antonarakis, Meera Chappidi, Ridwan Alam, Stephanie Glavaris, Kamyar Ghabili, Mohamad E. Allaf, Trinity J. Bivalacqua, Kenneth J. Pienta, **Phuoc T. Tran**, Edward M. Schaeffer, Ashley E. Ross. Trends in Surgical Management of High-Risk Prostate Cancer: Evidence of an Evolving Treatment Paradigm. AUA Annual Meeting 2016.
122. Meera R. Chappidi, Max Kates, Zeyad Schwen, Nikolai Sopko, **Phuoc Tran**, Nita Ahuja, Stephanie Terezakis, Phillip M. Pierorazio, Trinity J. Bivalacqua. Intraoperative Radiation Therapy During Genitourinary Surgery: The Importance of Specimen Margin Status in Improving Survival. AUA Annual Meeting 2016.
123. Russell D. Williams, Rajendra P. Gajula, Reem Malek, Belinda Nghiem, Katriana Nugent, Brian W. Simons, A-Rum Yoon, Hailun Wang, Kekoa Taparra, Lawrence True, Steven An, Danny Song, Theodore L. DeWeese, Edward M. Schaeffer, Kenneth J. Pienta, Paula J. Hurley, Colm Morrissey, **Phuoc T. Tran**. A TWIST1-MLL-WDR5-*HOTTIP* complex regulates *HOXA9* chromatin to facilitate metastasis of prostate cancer. 9th Multi-institutional Prostate Cancer SPORE Retreat 2016.
124. Kekoa Taparra, Hailun Wang, Katriana Nugent, Reem Malek, Jennifer Groves, Gokben Yildirim, Brian Simons, Dean Felsher, Natasha Zachara, **Phuoc T. Tran**. SNAI1 regulates the hexosamine biosynthesis pathway to promote tumorigenesis in lung cancer. AACR Annual Meeting 2016. **AACR-Takeda Scholar-in-Training Award 2016**.
125. SP Robertson, JA Moore, X Hui, TL DeWeese, **P Tran**, H Quon, Z Cheng, K Bzdusek, P Kumar, TR McNutt. Combining a Commercial Autoplanning Engine with Database Dose Predictions to Further Improve Plan Quality. **Oral presentation** for the AAPM 2016 National Meeting.
126. **Tran PT**, Radwan N, Ross AE, Reyes D, Wright J, Song D, DeVille C, DeWeese TL, Carducci M, Schaeffer EM, Pienta KJ, Eisenberger M. Stereotactic Ablative Radiation Therapy for the Treatment of Oligometastatic Prostate Cancer. ASTRO 2016 National Meeting.
127. Den RB, Yousefi K, Trock B, Davicioni E, Tosoian J, Thompson D, Choeurng V, Haddad Z, **Tran PT**, Trabulsi E, Gomella LG, Lallas CD, Abdollah F, Feng FY, Dicker AP, Freedland SJ, Karnes JR, Schaeffer EM, Ross AE. Efficacy of Post-Operative Radiation in a Prostatectomy Cohort Adjusted for Clinical and Genomic Risk. ASTRO 2016 National Meeting.
128. Frank Vendetti, Brian Leibowitz, Alan Lau, Mark O'Connor, Jian Yu, **Phuoc Tran**, Chris Bakkenist. Inhibition of ATR kinase activity for the treatment of lung cancer. **Oral presentation** for the 62nd Annual 2016 RRS Meeting – ATM – Basic Mechanisms and Therapeutic Applications.
129. **Tran PT**, Moyer CL, Radwan N, Ross AE, Reyes D, Wright J, Song D, DeVille C, DeWeese TL, Carducci M, Schaeffer EM, Pienta KJ, Eisenberger M. Stereotactic Ablative Radiation Therapy for the Treatment of Oligometastatic Prostate Cancer. 23rd Annual PCF Meeting 2016.
130. Reem Malek, Rajendra P. Gajula, Russell D. Williams, Belinda Nghiem, Brian W. Simons, Hailun Wang, Kekoa Taparra, Mustafa Barbhuiya, Ghali Lemtiri-Chlieh, Theodore L. DeWeese, Edward M. Schaeffer, Paula J. Hurley, Colm Morrissey, Kenneth J. Pienta, **Phuoc T. Tran**. Sensitization to PARP inhibition by co-targeting TWIST1-HOXA9 in prostate cancer. 23rd Annual PCF Meeting 2016.

131. Mustafa A. Barbhuiya, Adam C. Mirando, Brian W. Simons, Ghali Lemtiri-Chlieh, Jordan J. Green, Aleksander S. Popel, Niranjana B. Pandey, **Phuoc T. Tran**. Therapeutic potential of anti-angiogenic multimodal biomimetic peptide in hepatocellular carcinoma. AACR Annual Meeting 2017.
132. Yochum ZA, Wang, H, Cades JA, Khetarpal S, Huang EH-B, **Tran PT**, Burns TF. EMT transcription factor TWIST1 mediates resistance to EGFR inhibitors in *EGFR*-mutant non-small cell lung cancer. AACR Annual Meeting 2017.
133. Reem Malek, Rajendra P. Gajula, Russell D. Williams, Belinda Nghiem, Brian W. Simons, Hailun Wang, Kekoa Taparra, Mustafa Barbhuiya, Ghali Lemtiri-Chlieh, Theodore L. DeWeese, Kenneth J. Pienta Edward M. Schaeffer, Paula J. Hurley, Colm Morrissey, **Phuoc T. Tran**. Targeting Twist1-Hoxa9 to sensitize prostate cancer to PARP inhibition. 10th Multi-institutional Prostate Cancer SPORE Retreat 2017.
134. **Tran PT**, Moyer CL, Phillips R, Radwan N, Ross AE, Reyes D, Wright J, Antonarakis ES, Song D, DeVille C, Walsh PC, DeWeese TL, Carducci M, Schaeffer EM, Pienta KJ, Eisenberger M. Stereotactic Ablative Radiation Therapy for the Treatment of Oligometastatic Prostate Cancer. **Poster discussion** for the ASCO 2017 National Meeting.
135. Noura Radwan, Ryan Phillips, Ashley Ross, Steven Rowe, Michael Gorin, Emmanuel S. Antonarakis, Curtiland Deville, Stephen Greco, Samuel Denmeade, Channing Paller, Danny Y. Song, Maximilian Diehn, Hao Wang, Michael Carducci, Kenneth J. Pienta, Martin G. Pomper, Theodore L. DeWeese, Adam Dicker, Mario Eisenberger, **Phuoc T. Tran**. Phase II Randomized Observation versus Stereotactic Ablative Radiation for Oligometastatic Prostate CancEr (ORIOLE) Trial. ASCO 2017 National Meeting.
136. Ryan Phillips, Michael Gorin, Steven Rowe, Jonathan Hayman, Noura Radwan, Martin G. Pomper, Mohamad Allaf, Mario Eisenberger, Ashley Ross, Kenneth J. Pienta, Theodore L. DeWeese, Stephen Greco, Danny Y. Song, Curtiland Deville, **Phuoc T. Tran**. Changes in radiotherapeutic management of prostate cancer following PSMA-based ¹⁸F-DCFPyL PET imaging: a snapshot of prospective trials from a single institution. ASTRO 2017 National Meeting.
137. Linda Chen, Amol Narang, Elizabeth Thompson, Robert Anders, Kevin Waters, Justin Poling, Lauren Rosati, Chiung-Yu Huang, **Phuoc T. Tran**, Joseph M. Herman and Lei Zheng. Characterizing Tumor Infiltrating Lymphocytes Following Neoadjuvant Chemotherapy and Radiation in Pancreatic Adenocarcinoma. ASTRO 2017 National Meeting.
138. Raman, N, Lemtiri-Chlieh, G, Nugent, K, Ballew, M, Peck, T, Levine, M, Malek, R, Wang, H, Annadanam, A, Taparra, K, Holland, A, **Tran, PT**. Targeting Centrosomal Clustering in Combination with Radiation as a Novel Treatment for Lung Cancer. ASTRO 2017 National Meeting. **Poster discussion** for the ASTRO 2017 National Meeting.
139. Jenny Yan, **Phuoc Tran**, Chen Hu, Riley McIntyre, Shirl DiPasquale, Helen Kim, Russell Hales, Joseph Herman, Stephanie Terezakis. Lesion Response to Stereotactic Body Radiation Therapy Concurrent with Nelfinavir for Solid Tumor Oligometastases. ASTRO 2017 National Meeting.
140. Stephanie Terezakis, Joseph Herman, Chen Hu, Jenny Yan, Shirl DiPasquale, Riley McIntyre, Helen Kim, Russell Hales, **Phuoc Tran**. Single-Arm Phase II Study of Stereotactic Body Radiation Therapy (SBRT) Concurrent with Nelfinavir for Solid Tumor Oligometastases. ASTRO 2017 National Meeting. **Poster discussion** for the ASTRO 2017 National Meeting.
141. Conley WK, Bae H, Narang A, McNutt T, Asrari F, DeVille C, **Tran PT**, DeWeese TL, Song DY. End-of-treatment PSA is frequently elevated compared to baseline PSA following hypofractionated radiotherapy. ASTRO 2017 National Meeting.

142. Xiangkun Xu, Alexander D. Klose, Mustafa A. Barbhuiya, Zijian Deng, Paul Tsouchlos, **Phuoc T. Tran**, John W. Wong and Ken Kang-Hsin Wang. Quantitative Bioluminescence Tomography for Small Animal Radiation Research Platform. AAPM 2017 National Meeting.
143. Wang, H, Cades, JA, Yochum, ZA, Nugent, K, Rudin, CM, Burns, TF, **Tran, PT**. Modeling Epithelial Plasticity-Induced Erlotinib Resistance in Non-Small Cell Lung Cancer. AACR Advances in Modeling Cancer in Mice: Technology, Biology and Beyond 2017.
144. **Phuoc T. Tran**, Charles Drake, Andrew Holland, Christopher Bakkenist. Generation of Cancer Cell Specific Micronuclei as a Novel Strategy to Increase Cancer Immunogenicity. Radiation Research Program - Division of Cancer Treatment and Diagnosis. Defining the Shades of Gy Workshop 2017: Utilizing the biological consequences of radiation therapy in the development of new treatment approaches.
145. **Phuoc T. Tran**, Noura Radwan, Ryan Phillips, Ashley Ross, Steven Rowe, Michael Gorin, Emmanuel S. Antonarakis, Curtiland Deville, Stephen Greco, Samuel Denmeade, Channing Paller, Danny Y. Song, Hao Wang, Kenneth J. Pienta, Martin G. Pomper, Theodore L. DeWeese, Adam Dicker, Mario Eisenberger. Interim results from a phase II randomized trial of Observation versus stereotactic ablative Radiation for Oligometastatic prostate Cancer (ORIOLE). 24th Annual PCF Meeting 2017.
146. Reem Malek, Rajendra P. Gajula, Russell D. Williams, Belinda Nghiem, Brian W. Simons, Hailun Wang, Kekoa Taparra, Mustafa Barbhuiya, Theodore L. DeWeese, Edward M. Schaeffer, Paula J. Hurley, Colm Morrissey, Kenneth J. Pienta, **Phuoc T. Tran**. TWIST1-mediated regulation of HOXA9 promotes resistance to PARPi in Prostate Cancer. 24th Annual PCF Meeting 2017.
147. Reem Malek, Rajendra P. Gajula, Russell D. Williams, Belinda Nghiem, Brian W. Simons, Hailun Wang, Kekoa Taparra, Mustafa Barbhuiya, Theodore L. DeWeese, Kenneth J. Pienta, Paula J. Hurley, Colm Morrissey, **Phuoc T. Tran**. Targeting Twist1-Hoxa9 to sensitize prostate cancer to PARP inhibition. 9th European Multidisciplinary Meeting on Urological Cancers 2017.
148. Reem Malek, Audrey Lafargue, Hailun Wang, Katriana Nugent, Roche Kapoor, Brian Simons, Robert Anders, Joseph Herman, **Phuoc T. Tran**. Uncovering the role of Twist1 in the development and progression of KRAS^{G12D}-induced squamous subtype pancreatic cancer. **Oral presentation** at the 8th Biennial TEMTIA Meeting 2017.
149. Wang, H, Cades, JA, Yochum, ZA, Nugent, K, Rudin, CM, Burns, TF, **Tran, PT**. Modeling Epithelial Plasticity-Induced Erlotinib Resistance in Non-Small Cell Lung Cancer. 8th Biennial TEMTIA Meeting 2017.
150. Kekoa Taparra, Hailun Wang, Reem Malek, Mustafa Barbhuiya, Brian Simons, Matthew Ballew, Katriana Nugent, Jennifer Groves, Russell Williams, Takumi Shiraishi, James Verdone, Gokben Yildirim, Roger Henry, Bin Zhang, John Wong, Ken Wang, Barry D. Nelkin, Kenneth J. Pienta, Dean Felsher, Natasha Zachara, **Phuoc T. Tran**. EMT-induced O-linked glycosylations required for mutant KRAS-induced lung tumorigenesis. 8th Biennial TEMTIA Meeting 2017.
151. Kiri A. Sandler, Fang-I Chu, Jay P. Ciezki, Richard G. Stock, Gregory S. Merrick, D. Jeffrey Demanes, Daniel E. Spratt, Eyad I. Abu-Isa, Mark M. Pomerantz, Ashley E. Ross, **Phuoc T. Tran**, Paul L. Nguyen, Trude B. Wedde, Wolfgang Lilleby, Daniel J. Krauss, Ridwan Alam, Michael L. Steinberg, Eric M. Horwitz, Christopher R. King, and Amar U. Kishan. Clinical Outcomes Following Biochemical Recurrence Among Patients with Gleason Score 9-10 Prostate Adenocarcinoma. Genitourinary Cancers Symposium 2018.
152. Hong Lam, Wanqu Zhu, Hailun Wang, Jun Luo, Qizhi Zheng, Ken Valkenburg, Paula Hurley, Jennifer L. Pluznick, **Phuoc T. Tran**, Angelo DeMarzo, William B. Isaacs, Kenneth J. Pienta, and Steven S. An. A role for olfactory-like chemosensory signaling in prostate cancer metastasis. AACR Annual Meeting 2018.

153. Onur Ertunc, Mark Markowski, **Phuoc T. Tran**, Amol Narang, Jessica Hicks, Daniel Song, Jiayun Lu, Elizabeth A. Platz, Theodore Deweese, Angelo DeMarzo. Histopathological associations with PTEN and ERG status in prostate biopsies from men treated with radiation. AACR Annual Meeting 2018.
154. Isaacsson Velho P, Hassan S, Carducci MA, Eisenberger MA, **Tran PT**, Antonarakis ES. Efficacy of radium-223 in bone-metastatic prostate cancer patients with and without homologous repair deficiency (HRD) mutations. ASCO 2018 National Meeting.
155. R. Phillips, N. Radwan, T. Hether, M. Vignali, I. Kaplan, A. E. Ross, S. Rowe, M. Gorin, E. S. Antonarakis, C. Deville Jr, S. C. Greco, S. Denmeade, C. Paller, D. Song, H. Wang, M. Carudcci, K. Pienta, M. G. Pomper, T. L. DeWeese, A. P. Dicker, M. Eisenberger, **P. T. Tran**. Interim clinical and correlative results of a randomized trial of observation versus SABR for castration-sensitive oligometastatic prostate cancer. NCI-Radiosurgery Society (RSS) Workshop 2018: *Understanding High Dose, Ultra Dose Rate and Spatial Fractionated Radiotherapy*.
156. **P. T. Tran**, R. Phillips, N. Radwan, T. Hether, M. Vignali, I. Kaplan, A. E. Ross, C. Deville Jr, S. C. Greco, D. Song, H. Wang, K. Pienta, T. L. DeWeese, A. P. Dicker, and M. Eisenberger. SABR produces systemic adaptive immune responses in castration-sensitive oligometastatic prostate cancer patients. **Oral presentation** for the ASTRO 2018 National Meeting.
157. R. Phillips, N. Radwan, A. E. Ross, S. Rowe, M. Gorin, E. S. Antonarakis, C. Deville Jr, S. C. Greco, Denmeade, C. Paller, D. Song, H. Wang, M. Carudcci, K. Pienta, M. G. Pomper, T. L. DeWeese, A. P. Dicker, M. Eisenberger, **P. T. Tran**. Interim results of a randomized trial of observation versus SABR for castration-sensitive oligometastatic prostate cancer patients. ASTRO 2018 National Meeting.
158. R. Phillips, A. Da Silva, N. Radwan, M. Gorin, S. Rowe, K. Pienta, M. Pomper, J. Wong, **P. T. Tran**, K. Wang. PSMA-directed biologically-guided radiation therapy of castration-sensitive oligometastatic prostate cancer patients. **Oral presentation** for the ASTRO 2018 National Meeting.
159. A. U. Kishan, T. Romero, D. Elashoff, T. Grogan, M. Rettig, R. E. Reiter, **P. T. Tran**, P. L. Nguyen, N. G. Nickols, E. Davicioni, D.E. Spratt, F. Y. Feng, J. B. Weidhaas. Genomic Biomarkers to Predict Outcomes in Gleason Score 9-10 Disease. Genitourinary Cancers Symposium 2019.
160. N. R. Parikh, N. G. Nickols, M. Rettig, C. R. King, A. C. Raldow, M. L. Steinberg, **P. T. Tran**, A. U. Kishan. Cost-effectiveness of metastasis-directed therapy in the setting of oligometastatic hormone-sensitive prostate cancer. **Podium "Rapid Abstract" presentation** at the Genitourinary Cancers Symposium 2019.
161. R. Phillips, N. Radwan, T. Hether, M. Vignali, I. Kaplan, A. E. Ross, S. Rowe, M. Gorin, E. S. Antonarakis, C. Deville Jr, S. C. Greco, S. Denmeade, C. Paller, D. Song, H. Wang, M. Carudcci, K. Pienta, M. G. Pomper, T. L. DeWeese, A. P. Dicker, M. Eisenberger, **P. T. Tran**. Interim clinical and correlative results of a randomized trial of observation versus SABR for castration-sensitive oligometastatic prostate cancer. 12th Multi-institutional Prostate Cancer SPORE Retreat 2019.
162. William T. Hrinivich, Ryan Phillips, Angela Da Silva, Noura Radwan, Michael A. Gorin, Steven P. Rowe, Kenneth J. Pienta, Martin G. Pomper, John Wong, Ken Wang, **Phuoc Tran**. Dosimetric comparison of biologically-guided radiotherapy and X-ray-guided stereotactic ablative therapy for oligometastatic prostate cancer. AAPM 2019 National Meeting.
163. Z. Deng, X. Xu, Hamid Dehghani, A. D. Klose, **P. T. Tran**, and K. K.-H. Wang. A pre-clinical bioluminescence tomography-guided radiation research platform for pancreatic cancer. AAPM 2019 National Meeting.

164. William T. Hrinivich, Ryan Phillips, Angela Da Silva, Noura Radwan, Michael A. Gorin, Steven P. Rowe, Kenneth J. Pienta, Martin G. Pomper, John Wong, **Phuoc T. Tran**, Ken Wang. Dosimetric comparison of biologically-guided radiotherapy and X-ray-guided stereotactic ablative therapy for oligometastatic prostate cancer. **Oral presentation** for the ASTRO-RSNA Treatment of Oligometastatic Disease: Closer to the Cure Workshop 2019.
165. Smith, DeSanto, Hannum, Mayonado, Tolbert, White, Ahuja, Bowie, Cowall, Mischstuck, Peairs, Thorner, **Tran**, Wolff, Snyder. A Randomized Controlled Trial to Simplify Survivorship Care Planning: Feasibility of Implementing Three Survivorship Care Planning Approaches. American Public Health Association National Meeting 2019.
166. Amar U. Kishan, Tahmineh Romero, Tristan Grogan, Mohammed Alshalalfa, Paul C. Boutros, Matthew Rettig, Robert Reiter, **Phuoc T. Tran**, Paul L. Nguyen, Nicholas G. Nickols, Elai Davicioni, Daniel E. Spratt, Felix Y. Feng, David Elashoff, Joanne B. Weidhaas. Transcriptomic Heterogeneity in Gleason Grade Group 5 Prostate Cancer: Implications for Biomarker Discovery. ASTRO 2019 National Meeting.
167. Amar U. Kishan, Jessica K. Wong, Tahmineh Romero, Tristan Grogan, Rahul Tendulkar, Chandana Reddy, Daniel E. Spratt, Rebecca Levin-Epstein, Trude B. Wedde, Wolfgang A. Lilleby, Gregory S. Merrick, Richard G. Stock, Daniel Krauss, **Phuoc T. Tran**, Theodore DeWeese, D. Jeffrey Demanes, Michael L. Steinberg, Christopher R. King, David Elashoff, Eric M. Horwitz. Radical Prostatectomy, External Beam Radiotherapy, or External Beam Radiotherapy With Brachytherapy Boost: Comparison of Outcomes in Multi-Institutional Analysis of 4,090 Patients with High-Risk Prostate Cancer. **Oral presentation** for the ASTRO 2019 National Meeting and Featured at **Best of ASTRO National Meeting 2019**.
168. Ryan M Phillips, Hamza Hasan, James Huang, Shirl Dipasquale, Rachit Kumar, Matthew Deek, Colburn Yu, Theodore DeWeese, Misop Han, Michael Gorin, Fariba Asrari, Curtiland Deville, Stephen Greco, Danny Song, **Phuoc T. Tran**. Stereotactic ablative radiation and short-term androgen ablation for intermediate-risk localized prostate adenocarcinoma: safety and toxicity from a prospective single-arm phase II trial (NCT01517451). ASTRO 2019 National Meeting.
169. Rebecca G. Levin-Epstein, Kiri A. Sandler, Fang-I Chu, Jay P. Ciezki, Richard. G. Stock, Gregory S. Merrick, D. Jeffrey Demanes, Daniel E. Spratt, Eyad I. Abu-Isa, Mark M. Pomerantz, **Phuoc T. Tran**, Paul L. Nguyen, Trude B. Wedde, Wolfgang Lilleby, Daniel J. Krauss, Ridwan Alam, Michael L. Steinberg, Eric M. Horwitz, Christopher R. King, Amar U. Kishan. Clinical Outcomes among Patients with Radiorecurrent Gleason Grade Group 5 Prostate Cancer: Impact of Initial Treatment Strategy. ASTRO 2019 National Meeting.
170. N. R. Parikh, N. G. Nickols, M. Rettig, C. R. King, A. C. Raldow, M. L. Steinberg, **P. T. Tran**, A. U. Kishan. Cost-effectiveness of metastasis-directed therapy in oligorecurrent hormone-sensitive prostate cancer. **Oral presentation** for the ASTRO 2019 National Meeting.
171. Colburn Yu, Matthew P. Deek, Ryan Phillips, Daniel Y. Song, Curtiland DeVille, Stephen Greco, Theodore L. DeWeese, Emmanuel S. Antonarakis, Mark Markowski, Channing Paller, Samuel Denmeade, Michael Carducci, Kenneth J. Pienta, Mario Eisenberger, **Phuoc T. Tran**. Clinical Outcomes in Oligometastatic Prostate Cancer Following Definitive Radiation Therapy. ASTRO 2019 National Meeting.
172. Ryan M Phillips, Hailun Wang, Reem Malek, Colburn Yu, Roche Kapoor, Andrew Holland, **Phuoc T. Tran**. Radiosensitization and micronucleus formation are induced by centrosome clustering inhibition with griseofulvin in prostate cancer cell lines. ASTRO 2019 National Meeting.
173. R. Phillips, S. J. Lim, W. Y. Shi, E. S. Antonarakis, S. Rowe, M. Gorin, C. Deville Jr, S. C. Greco, S. Denmeade, C. Paller, T. L. DeWeese, D. Song, H. Wang, M. Carducci, K. Pienta, M. G. Pomper, A. P. Dicker, M. Eisenberger, M. Diehn, and **P. T. Tran**. Primary outcomes of a phase II randomized trial of

Observation versus stereotactic ablative Radiation for OLigometastatic prostate CancEr (ORIOLE). **Late Breaking Abstract Oral presentation** in the Clinical Trials Session for the ASTRO 2019 National Meeting.

174. Daniela C. Salles, Bruce J Trock, William U Shipley, Angelo De Marzo, Felix Y Feng, Jeffrey P Simko, Alan Pollack, Jean-Paul Bahary, Himanshu R Lukka, Michael Straza, John A Keech Jr, Judith O Hopkins, Mark S Macher, Alan C Hartford, Anand Desai, Viroon Donovanik, Daniel E Spratt, Kosj Yamoah, James Dignam, **Phuoc T Tran**, Tamara L. Lotan. Association of PTEN Status with Response to Salvage Radiation Therapy with or without Anti-Androgen Therapy: A Study of RTOG 96-01. United States and Canadian Academy of Pathology (USCAP) 2020 National Meeting.
175. Felix Y Feng, Howard M Sandler, Huei-Chung (Rebecca) Huang, Jeffrey P Simko, Elai Davicioni, Paul L Nguyen, Jason A Efsthathiou, Adam P Dicker, Rajdeep Das, James Dignam, Wendy Seiferheld, Yang Liu, Himanshu R Lukka, Jean-Paul Bahary Thomas M Pisansky, William A Hall, Amit B Shah, Stephanie L Pugh, Alan Pollack, Daniel E. Spratt, William U Shipley, **Phuoc T Tran**. Transcriptome profiling of NRG Oncology/RTOG 9601: validation of a prognostic genomic classifier in salvage radiotherapy prostate cancer patients from a prospective randomized trial. **Oral presentation** in the Abstract Session A of the Genitourinary Cancers Symposium 2020.
176. Neil Rohit Parikh, Eric M. Chang, Nicholas George Nickols, Matthew Rettig, Ann C. Raldow, Michael L. Steinberg, Bridget F. Koontz, Neha Vapiwala, Curtiland Deville, Felix Y. Feng, Daniel Eidelberg Spratt, Robert Evan Reiter, Ryan Phillips, **Phuoc T. Tran**, Amar Upadhyaya Kishan. Cost-effectiveness of upfront therapeutic options in low-volume *de novo* metastatic hormone-sensitive prostate cancer. **Merit award** at the Genitourinary Cancers Symposium 2020.
177. Rebecca Levin-Epstein, Tahmineh Romero, Jessica Karen Wong, Kiri Cook, Robert Timothy Dess, Daniel Eidelberg Spratt, Brian Joseph Moran, Gregory Stephen Merrick, **Phuoc T. Tran**, David Jeffrey Demanes, Brad J. Stish, Daniel J. Krauss, Trude Baastad Wedde, Wolfgang Lilleby, Richard Stock, Jonathan David Tward, Michael L. Steinberg, Eric M. Horwitz, Rahul D. Tendulkar, Amar Upadhyaya Kishan. Impact of initial treatment selection on clinical outcomes after biochemical failure in radiorecurrent high-risk prostate cancer. **Merit award** at the Genitourinary Cancers Symposium 2020.
178. **Phuoc T. Tran**, Ryan Phillips, William Shi, Su Jin Lim, Emmanuel S. Antonarakis, Steven P. Rowe, Ashley Ross, Michael A. Gorin, Curtiland Deville, Stephen C. Greco, Channing Judith Paller, Theodore L. DeWeese, Daniel Y. Song, Hao Wang, Michael Anthony Carducci, Kenneth J. Pienta, Martin Pomper, Adam P. Dicker, Mario A. Eisenberger, Maximilian Diehn. A phase II randomized trial of Observation versus stereotactic ablative Radiation for OLigometastatic prostate CancEr (ORIOLE). **Poster Walk** at Genitourinary Cancers Symposium 2020.
179. Mathew Deek, Victoria Vaage, Knut H. Hole, Theodore L. DeWeese, Andreas Stensvold, Therese Seierstad, **Phuoc T. Tran**, Wolfgang Lilleby. Testosterone recovery as biomarker for overall and cause-specific survival in combined treated patients with high-risk and locally advanced prostate cancer. Genitourinary Cancers Symposium 2020.
180. Trude Wedde, Milada Cvancarova, Jonathan S. Hayman, **Phuoc T. Tran**, Gunnar Tafjord, Theodore L. DeWeese, Wolfgang Lilleby. PSA status after neoadjuvant androgen deprivation therapy before high-dose-rate brachytherapy as biomarker for prediction of long-term outcome in high-risk prostate cancer patients. Genitourinary Cancers Symposium 2020.
181. Guldvik IJ., Lilleby W., Hole KH, Olaussen R., Mills IG., Stensvold A., Seierstad T., **Tran P.**, Inderberg EM. Predicting long-term results with circulating tumor cells in patients with *de novo* androgen sensitive prostate cancer treated with hTERT peptides vaccine. Genitourinary Cancers Symposium 2020.

182. Youngjee Choi, Katherine Clegg Smith, Aishwarya Shukla, Amanda L. Blackford, **Phuoc T. Tran**, Kimberly S. Peairs, Thomas Demarco, Michael A. Carducci, Amanda Choflet Kristen B. Farling, Madeline Kelso, Nicole Mills, Annette Timlin, Nancy J. Mayonado, Elliott Tolbert, Claire F. Snyder. Prostate cancer survivorship care plans: what we are failing to tell men after treatment. Genitourinary Cancers Symposium 2020.
183. Amar U. Kishan, Tahmineh Romero, Matthew Rettig, Isla Garraway, Mack Roach III, Thomas Michael Pisansky, Jeff M. Michalski, W. Robert Lee, Christopher U. Jones, Seth A. Rosenthal, Felix Y. Feng, Paul Christopher Boutros, Nicholas George Nickols, Brandon Arvin Virgil Mahal, Robert Timothy Dess, **Phuoc T. Tran**, Michael L. Steinberg, David Elashoff, Howard M. Sandler, Daniel E. Spratt. Association of black race with improved outcomes following definitive radiotherapy with androgen deprivation therapy for high-risk prostate cancer: A meta-analysis of eight randomized trials. Genitourinary Cancers Symposium 2020.
184. Joanne B. Weidhaas, Donatello Telesca, Amar Upadhyaya Kishan, Ingrid Jenny Guldsvik, Melanie-Birte Schulz-Jaavall, Andreas Stensvold, **Phuoc T. Tran**, Wolfgang Lilleby. MicroRNA-based biomarkers of the radiation response in prostate cancer. Genitourinary Cancers Symposium 2020.
185. Zijian Deng, Xiangkun Xu, Hamid Dehghani, Alexander D. Klose, **Phuoc T. Tran**, Ken K.-H. Wang. In vivo bioluminescence tomography-guided radiation research platform for pancreatic cancer. **Oral Presentation** at the 5th Conference on Small Animal Precision Image-Guided Radiation Therapy 2020.
186. Matthew P. Deek, Ryan Phillips, Daniel Y. Song, Curtiland Deville, Stephen Greco, Theodore L. DeWeese, Mark Markowski, Cathy Marshall, Samuel Denmeade, Michael Carducci, Kenneth Pienta, Mario Eisenberger, Channing Paller, Emmanuel S. Antonarakis, **Phuoc T. Tran**. A High Risk Mutational Signature is Prognostic for Outcomes Following Stereotactic Ablative Radiation Therapy in Oligometastatic Prostate Cancer. **Oral Presentation** at the 13th Multi-institutional Prostate Cancer SPORE Retreat 2020.
187. Francesca A. Carrieri, Nick Connis, Elodie Henriot, Andrew Ewald, Luigi Marchionni, Christine Hann, **Phuoc T. Tran**. Establishment of patient-derived organoids as *ex vivo* tool to characterize the molecular mechanisms of SCLC chemo-radiation resistance. AACR Annual Meeting 2020.
188. Christine Lam, Mustafa A. Barbhuiya, Michael Considine, Elodie Henriot, Hailun Wang, Francesca A. Carrieri, Audrey Lafargue, Caleb Smack, Ismael Siddiqui, Luciane T. Kagohara, Adam C. Mirando, Richard J. Sove, Mark Yarchoan, Aleksander S. Popel, Andrew J. Ewald, Elana J. Fertig, **Phuoc T. Tran**. Integrated Transcriptomic and Proteomic Analyses Reveal the Role of the Hexosamine Biosynthetic Pathway in Invasion and Metastasis of Hepatocellular Carcinoma. **Oral presentation** for the ASTRO 2020 National Meeting.
189. William A. Hall, Eric Paulson, Brian J. Davis, Daniel E. Spratt, David Dearnaley, Jason A. Efstathiou, Ashesh B. Jani, Mark Buyyounouski, Thomas Pisansky, **Phuoc T. Tran**, Ronald C. Chen, Fabio L. Cury, Jeff M. Michalski, Seth A. Rosenthal, Bridget F. Koontz, Anthony C. Wong, Alison Tree, Paul Nguyen, Felix Feng, Howard M Sandler, Colleen Lawton. NRG Oncology Updated International Consensus Atlas on Pelvic Lymph Node Volumes For Intact and Post-Operative Prostate Cancer. **Oral presentation** for the ASTRO 2020 National Meeting.
190. Kekoa Taparra, Matthew P. Deek, Dyda Dao, Luanna Chan, Ryan Phillips, Pedro Isaacsson Velho, Robert W. Gao, Curtiland Deville, Daniel Y. Song, Stephen Greco, Michael Carducci, Mario Eisenberger, Theodore L. DeWeese, Samuel Denmeade, Kenneth Pienta, Channing Paller, Emmanuel S. Antonarakis, Sean S. Park, **Phuoc T. Tran**, Bradley J. Stish. Modes of Failure Following Metastasis Directed Therapy in Patients with Oligometastatic Hormone Sensitive Prostate Cancer: A Multi-institutional Analysis. ASTRO 2020 National Meeting.

191. Matthew P. Deek, Kekoa Taparra, Ryan Phillips, Pedro Isaacsson Velho, Robert W. Gao, Curtiland Deville, Daniel Y. Song, Stephen Greco, Michael Carducci, Mario Eisenberger, Theodore L. DeWeese, Samuel Denmeade, Kenneth Pienta, Channing Paller, Emmanuel S. Antonarakis, Kenneth R. Olivier, Sean S. Park, **Phuoc T. Tran**, Bradley J. Stish. Metastasis Directed Therapy Prolongs Efficacy of Systemic Therapy and Improves Clinical Outcomes in Oligoprogressive Castration-Resistant Prostate Cancer. ASTRO 2020 National Meeting.
192. Noah M. Hahn, Michael A. O'Donnell, Jason A. Efstathiou, Marianna Zahurak, Gary Rosner, Jeff Smith, Max R. Kates, Trinity J. Bivalacqua, **Phuoc T. Tran**, Daniel Y. Song, Alex S. Baras, Andres Matoso, Woonyoung Choi, Kellie N. Smith, Drew M. Pardoll, Luigi Marchionni, Bridget McGuire, Burles Johnson, Tanya O'Neal, David J. McConkey, Tracy L. Rose, Marc Burjlin, Emerson A. Lim, Charles G. Drake, Christopher B. Anderson, Donald L. Lamm, Doris Makari-Anders, Ashok Gupta, Paulo Miranda, Andrew Bernstein, Marija Tesic-Schnell, Daniel M. Geynisman, Mark Hallman, Eric M. Horwitz, Essel Al-Saleem, Alexander Kutikov, Gordon Guo, Nabil Abda, Hristos Z. Kaimakliotis. Phase 1 trial of durvalumab in combination with BCG or external beam radiation in BCG-unresponsive non-muscle invasive bladder cancer patients (HCRN GU16-243: ADAPT-BLADDER trial). SUO Annual Meeting 2020. *Submitted*.

Oral Presentations:

1. Keystone Symposium on Molecular Mechanisms of DNA Replication and Recombination: “Repairosomes” workshop (2002 – Snowbird, UT). “Studies on the catalytic activities of Exo1p and their involvement during DNA mismatch repair”. **Keystone Abstract Scholarship.**
2. Gordon Research Conference: Radiation Oncology (2005 – Ventura, CA). “A mutation in EXO1 defines separable roles in DNA mismatch repair and a MutL-alpha-independent DNA damage tolerance pathway”. **ASTRO awardee.**
3. Radiation Research Society (RRS)-ASTRO national meeting Minisymposium: Mechanisms of DNA Repair (2005 - Denver, CO). “A mutation in EXO1 defines separable roles in DNA mismatch repair and a MMR-independent DNA damage tolerance pathway”.
4. RSNA national meeting, Radiation Oncology and Radiobiology: Gyn Onc session (2005 – Chicago, IL). “Long Term Survivors Using Intraoperative Radiation Therapy for Recurrent Non-Ovarian Gynecologic Malignancies”.
5. American Radium Society (ARS – Amsterdam, Netherlands) meeting (2007). “Probing Oncogene-dependence with a Novel Murine Lung Tumor Model System”. **ARS Travel Grant.**
6. Stanford University Medical Center, Division of Medical Oncology & Hematology Research Retreat (October 10, 2007 – Stanford, CA). “Rationale for Combined Inactivation of MYC and *K-Ras^{G12D}* Oncogenes for Inhibition of Tumor Maintenance”.
7. Oregon Health and Science University (OHSU), Radiation Medicine Visiting Scholar (April 16, 2008 – Portland, OR). “Rationale for Combined Inactivation of MYC and *K-Ras^{G12D}* Oncogenes for Inhibition of Tumor Maintenance”.
8. UC San Diego (UCSD), Radiation Oncology Center for Advanced Radiotherapy Technologies (CART) Seminar series (August 1, 2008 – San Diego, CA). “Mathematical modeling of survival and death signals predicts oncogene addiction”.
9. Virginia Commonwealth University, Massey Cancer Center (October 15, 2008 – Richmond, VA). “Conditional mouse models of Kras- & MYC-induced lung tumorigenesis: *Exploring principles of targeted therapy*”.
10. UC Los Angeles (UCLA), Radiation Oncology Translational Thursday Seminar series (October 30, 2008 – Los Angeles, CA). “Conditional mouse models of Kras- & MYC-induced lung tumorigenesis: *Exploring principles of targeted therapy*”.
11. Johns Hopkins University (JHU), Radiation Oncology (November 10, 2008 – Baltimore, MD). “Conditional mouse models of Kras- & MYC-induced lung tumorigenesis: *Exploring principles of targeted therapy*”.
12. Stanford University Medical Center, Health Research and Policy research noon conference (December 5, 2008 – Stanford, CA). “Evaluation of stereotactic body therapy concurrent with nelfinavir for oligometastases”.
13. University of Pennsylvania, Radiation Oncology (December 10, 2008 – Philadelphia, PA). “Conditional mouse models of Kras- & MYC-induced lung tumorigenesis: *Exploring principles of targeted therapy*”.
14. University of Chicago, Radiation & Cellular Oncology (December 15, 2008 – Chicago, IL). “Conditional mouse models of Kras- & MYC-induced lung tumorigenesis: *Exploring principles of targeted therapy*”.

15. Stanford University Medical Center, Division of Pediatric Hematology-Oncology research noon conference (January 9, 2009 – Stanford, CA). “Multi-Scale Modeling Predicts when Oncogene Inactivation Will Result in Tumor Regression”.
16. Stanford Comprehensive Cancer Center, Molecular Therapeutics Retreat (January 20, 2009 – Stanford, CA). “Multi-Scale Modeling Predicts when Oncogene Inactivation Will Result in Tumor Regression”.
17. Stanford Association for Multi-Disciplinary Medicine & Science Chalk Talk (March 17, 2009 – Stanford, CA). “Imaging surrogates as prognostic and predictive biomarkers”.
18. JHU, Sidney Kimmel Comprehensive Cancer Center (SKCCC) Chemical Therapeutics Seminar (October 26, 2009 – Baltimore, MD). “SBRT for Localized Prostate CA: Radiobiologic Rationale & Cyberknife Results”.
19. JHU, Brady Urology Prostate Cancer Advisory Board Meeting (October 29, 2009 – New York, NY). “Radiation Oncology Prostate Cancer Update”.
20. JHU, Radiation Oncology Grand Rounds (November 16, 2009 – Baltimore, MD). “Chromosomal rearrangements in epithelial tumors: *ETS* fusions reset the dogma”.
21. JHU, Brady Urology Prostate Cancer Research Day (February 6, 2010 – Baltimore, MD). “Radiation Oncology Prostate Cancer Update”.
22. JHU, Brady Urology Grand Rounds (February 25, 2010 – Baltimore, MD). “SBRT for Localized Prostate CA: Radiobiologic Rationale & Cyberknife Results”.
23. JHU, SKCCC Prostate Education and Support Group seminar series (April 27, 2010 – Baltimore, MD). “CyberKnife for Prostate Cancer: Hype, Hope...No, Just Hypofractionation.”
24. ASTRO national meeting: Novel Targets and Biomarkers of Tumor Radioresponse (November 3, 2010 – San Diego, CA). “Reactivation of oncogene-induced senescence in *Kras* lung tumors by inhibition of *Twist1*”. **ASTRO Abstract Award.**
25. World Presidents’ Organization Health Network Foundation Program for JHU Men’s Health Day (November 20, 2010 – Baltimore, MD). “Prostate Cancer: Prevention, Screening and Treatment Options”.
26. RTOG Semi-annual Meeting - Genitourinary Translational Research Program (January 14, 2011 – San Diego, CA). “MYC as a biomarker to direct statin targeted radiosensitization for definitive treatment of prostate cancer”.
27. George O’Brien Center at Johns Hopkins University Advisory Committee Meeting (January 25, 2011 – Baltimore, MD). “*TWIST1* and Embryonic Reawakening in benign prostatic hyperplasia revisited”.
28. OHSU, Radiation Medicine Visiting Scholar (April 21, 2011 – Portland, OR). “Reactivation of oncogene-induced senescence as treatment for lung cancer”.
29. JHU, SKCCC Chemical Therapeutics Seminar (May 9, 2011 – Baltimore, MD). “Reactivation of oncogene-induced senescence as treatment for lung cancer”.
30. JHU, Radiation Oncology and Molecular Radiation Sciences *Modulating Radiation Response - Cancer Fundamentals to Therapy* Symposium (May 13, 2011 – Baltimore, MD). “Inhibition of *Twist1* as treatment for lung cancer”.

31. JHU, SKCCC Chemical Therapeutics Retreat (June 15, 2011 – Baltimore, MD). “Inhibition of *Twist1* as treatment for lung cancer”.
32. RTOG Semi-annual Meeting – Head and Neck Translational Research Program (June 16, 2011 – Philadelphia, PA). “Reactivation of oncogene-induced senescence in lung tumors by inhibition of *Twist1*”.
33. UC San Diego, Radiation Oncology CART Seminar series (July 1, 2011 – San Diego, CA). “*Generic* radiosensitizers - Finding new uses for old drugs”.
34. JHU, SKCCC Translational Research Conference (October 19, 2011 – Baltimore, MD). “Inducible *Twist1* Transgenic Mouse Models – Tools for Translational Discovery.”
35. University of Pennsylvania, Radiation Oncology (February 9, 2012 - Philadelphia, PA). “Inducible *Twist1* Transgenic Mouse Models – Tools for Translational Discovery”.
36. JHU, Brady Urology Prostate Cancer Research Day (February 25, 2012 – Baltimore, MD). “Using High-Dose Statins to Target MYC-overexpressing Prostate Cancers”.
37. JHU, SKCCC Chemical Therapeutics Seminar (May 7, 2012 – Baltimore, MD). “A 20-Gene Expression Profile that is Prognostic in Human Liver Cancer Derived from a *Twist1*-Induced Liver Cancer Metastasis Model”.
38. University of Southern California, Division of Pulmonary and Critical Care Medicine seminar series (June 1, 2012 – Los Angeles, CA). “Inducible *Twist1* Transgenic Mouse Models – Tools for Translational Discovery.”
39. JHU, Brady Urology Prostate Cancer Advisory Board Meeting (June 5, 2012 – Baltimore, MD). “Using High-Dose Statins to Target MYC-overexpressing Prostate Cancers”.
40. JHU, SKCCC Chemical Therapeutics Faculty Meeting Seminar (June 20, 2012 – Baltimore, MD). “A 20-Gene Expression Profile that is Prognostic in Human Liver Cancer Derived from a *Twist1*-Induced Liver Cancer Metastasis Model”.
41. JHU, SKCCC GI Oncology Retreat (July 11, 2012 – Baltimore, MD). “Tran Lab Liver Cancer Studies”.
42. JHU, SKCCC Monthly Hepatobiliary Cancer Research Exchange (August 15, 2012 – Baltimore, MD). “Concurrent versus sequential sorafenib therapy in combination with radiation for hepatocellular carcinoma”.
43. JHU, In Vivo Cellular and Molecular Imaging Center (ICMIC) Retreat (October 11, 2012 – Baltimore, MD). “*Twist1*-Mediated Cultivation of the Pre-Metastatic Niche”.
44. Uniting Against Lung Cancer Investigator Meeting (November 15, 2012 – New York, NY). “Screening for TWIST1 inhibitors as treatment for lung cancer”.
45. JHU, Radiation Oncology Grand Rounds (February 18, 2013 – Baltimore, MD). “Screening for TWIST1 inhibitors as treatment for cancer”.
46. OHSU, Radiation Medicine Visiting Scholar (May 9, 2013 - Portland, OR). “Inducible *Twist1* Transgenic Mouse Models – Tools for Translational Discovery”.
47. I Congress of Oncology D'Or, Meeting with Johns Hopkins Experts (July 6, 2013 - Rio de Janeiro, Brazil). “Extreme Hypofractionation for Localized Prostate CA: Radiobiologic Rationale & Early Results”.

48. I Congress of Oncology D'Or, Meeting with Johns Hopkins Experts (July 6, 2013 - Rio de Janeiro, Brazil). "Non-surgical combined modality treatment approaches for muscle invasive bladder cancer".
49. Stanford University Medical Center, Radiation Oncology Visiting Professor (October 28, 2013 – Stanford, CA). "Structure-functions studies of the TWIST1 oncoprotein in lung and prostate cancer".
50. Amtrak Alliance - Baltimore-Philadelphia Prostate Cancer Summit (November 1, 2013 – Baltimore, MD). "Phase I Trial of HSP90 inhibition and radiation-androgen deprivation therapy for high-risk, localized and locally advanced prostate cancer".
51. 6th Biennial TEMTIA Meeting: Symposium I – Cell/Molecular Biology of EMT (November 13, 2013 – Alicante, Spain). "The Twist box domain is required for TWIST1-induced metastasis of prostate cancer cells".
52. JHU, In Vivo Cellular and Molecular Imaging Center (ICMIC) Retreat (November 25, 2013 – Baltimore, MD). "Twist1-Mediated Cultivation of the Pre-Metastatic Niche".
53. JHU, Brady Urology Prostate Cancer Research Day (February 8, 2014 – Baltimore, MD). "Phase I Trial of HSP90 inhibition and radiation-androgen deprivation therapy for high-risk, localized and locally advanced prostate cancer".
54. UCSD, Moores Comprehensive Cancer Center (April 18, 2014 – San Diego, CA). "Structure-function studies of the TWIST1 oncoprotein in lung and prostate cancer".
55. Delaware Society for Clinical Oncology (May 22, 2014 – Wilmington, DE). "Emerging genetic tests for localized prostate cancer: ready for prime time?".
56. Prostate Cancer UK 11th Biennial Prostate Cancer Forum (June 13, 2014 – Baltimore, MD). "SBRT/SBAR for Oligometas".
57. JHU, SKCCC Chemical Therapeutics Faculty Meeting Seminar (September 8, 2014 – Baltimore, MD). "Bioinformatic-chemical screen for inhibitors of Twist1".
58. 2nd Amtrak Alliance - Baltimore-Philadelphia Prostate Cancer Summit (November 7, 2014 – Philadelphia, PA). "SBRT/SBAR for Oligometas".
59. JHU, SKCCC Translational Research Conference (February 11, 2015 – Baltimore, MD). "Credentialing TWIST1 as a Therapeutic Target in Lung and Prostate Cancer".
60. JHU, Brady Urology Prostate Cancer Working Group (February 20, 2015 – Baltimore, MD). "Consolidative Local Therapies for Oligometastatic Prostate Cancer".
61. NCI DCTD Lung Cancer Clinical Trials Working Group Webinar (February 23, 2015 – Baltimore, MD). "ATR Inhibitor pre-clinical data/ Phase I co-clinical concept".
62. JHU, Radiation Oncology Grand Rounds (February 24, 2015 – Baltimore, MD). "Credentialing TWIST1 as a Therapeutic Target in Lung and Prostate Cancer".
63. 8th Multi-institutional Prostate Cancer SPORE Retreat (March 16, 2015 – Ft. Lauderdale, FL). "Stereotactic Ablative Radiation for Treatment of Oligometastatic Disease".
64. Georgetown University Medical Center, Biochemistry and Molecular & Cellular Biology (March 31, 2015 – Washington DC). "Credentialing TWIST1 as a Therapeutic Target in Lung and Prostate Cancer".

65. PCF-Young Investigator Community Radiotherapy/ Radiobiology Working Group webinar (May 14, 2015 – Baltimore, MD). “SBRT for Oligometastatic Prostate Cancer”.
66. AbbVie JHU Meeting (May 14, 2015 – Baltimore, MD). “AbbVie Visit: Credentialing TWIST1 & ”Pre-clinical Models.
67. JHU 38th Biennial Meeting & Reunion – SKCCC Seminar (June 5, 2015 – Baltimore, MD). “Altering the Natural History of Oligometastatic Prostate Cancer with Local Ablative Therapies”.
68. PCF Norway Prostate Cancer Symposium 2015 – Accelerating Innovations and Advancing Discovery (June 12, 2015 – Oslo, Norway). “Advanced Radio-therapeutic approaches to manage Prostate Cancer – Stereotactic Ablative Techniques for Oligometastatic Prostate Cancer”.
69. PCF Norway Prostate Cancer Symposium 2015 – Accelerating Innovations and Advancing Discovery (June 12, 2015 – Oslo, Norway). “Advanced Radio-therapeutic approaches to manage Prostate Cancer - Proton Beam - Does this costly technology improve outcomes?”.
70. PCF Coffey-Holden Prostate Cancer Academy Meeting (June 28, 2015 – La Jolla, CA). “Metastasis Directed Therapy – The Radiation Oncologist’s Perspective”.
71. JHU, Brady Urology Grand Rounds (September 10, 2015 – Baltimore, MD). “Stereotactic Ablative Techniques for Oligometastatic Prostate Cancer”.
72. 7th Biennial TEMTIA Meeting: Symposium I – Clinical EMT (October 11, 2015 – Melbourne, Australia). “Identification of a first in class TWIST1 inhibitor with activity in KRAS mutant lung cancer”.
73. Movember Foundation Visiting Professor (October 13, 2015 – Melbourne, Australia). “Stereotactic Ablative Techniques for Oligometastatic Prostate Cancer”.
74. Clemenceau Medical Center - Cancer Forum (October 30, 2015 – Beirut, Lebanon). “SBRT for the Treatment of Primary and Secondary Lung Malignancies”.
75. Clemenceau Medical Center - Cancer Forum (October 30, 2015 – Beirut, Lebanon). “Oligometastatic disease: paradigm shift from palliative approach to curative approach”.
76. University of Chicago, Radiation & Cellular Oncology Visiting Professor (February 12, 2016 – Chicago, IL). “Metastatic Prostate Cancer – Basic to Clinical Interrogation”.
77. European Society for Radiotherapy & Oncology (ESTRO) 35th meeting: *Small Animal Radiation* (May 2, 2016 – Turin, Italy). “Radiation biology studies with a small animal irradiator: Results from the Research Programme at Johns Hopkins University”.
78. NCI Future of Radiobiology Workshop (May 16, 2016 – NCI Shady Grove Campus, MD). “Mechanistic model systems for studying radiation biology”.
79. 3rd Amtrak Alliance - Baltimore-Philadelphia Prostate Cancer Summit (May 20, 2016 – Baltimore, MD). “Key Questions in Localized Prostate Cancer”.
80. JHU SKCCC Lung Cancer Program Preclinical Translational Research Retreat (June 18, 2016 – Baltimore, MD). “Modeling epithelial-mesenchymal transition-induced erlotinib resistance in mutant *EGFR* lung cancer”.

81. JHU SKCCC Lung Cancer Program Preclinical Translational Research Retreat (June 18, 2016 – Baltimore, MD). “O-GlcNAcylation is required for mutant *KRAS*-induced lung tumorigenesis”.
82. NCI Lung Cancer SPORE Workshop (June 24, 2016 – Bethesda, MD). “O-GlcNAcylation is required for mutant *KRAS*-induced lung tumorigenesis”.
83. PCF-Young Investigator Community Radiotherapy/ Radiobiology Working Group webinar (September 20, 2016 – Baltimore, MD). “Metastatic Prostate Cancer – Basic to Clinical Interrogation”.
84. ASTRO national meeting: Translational Research - Tumor Biology and Biomarkers. (September 26, 2016 – Boston, MA). “SNAI1 regulates the hexosamine biosynthesis pathway to promote *Kras* mutant lung tumorigenesis”.
85. OHSU, Radiation Medicine 10th Annual Rubenstein Research Retreat (October 1, 2016 - Portland, OR). “Genetically Engineered Mouse Models for Studying Radiation Biology”.
86. 62nd Annual 2016 Radiation Research Society (RRS) Meeting (October 19, 2016 – Kona, HI). “O-linked glycosylations important for the lung cancer phenotype”.
87. UCLA, Prostate Cancer SPORE and Jonsson Comprehensive Cancer Center Visiting Professor (November 15, 2016 – Los Angeles, CA). “Metastatic Prostate Cancer – Basic to Clinical Interrogation”.
88. Memorial Sloan Kettering Cancer Center (MSKCC), Radiation Oncology Grand Rounds (November 30, 2016 – New York, NY). “Pathogenic Role of Epithelial Plasticity in Tumorigenesis and Metastasis”.
89. Emory University, Winship Cancer Institute Elkin Lecture (December 16, 2016 – Atlanta, GA). “Pathogenic Role of Epithelial Plasticity in Tumorigenesis and Metastasis”.
90. Society of Nuclear Medicine and Molecular Imaging (SNMMI) Mid-Winter Meeting, Prostate Cancer Imaging and Prostate Therapy (January 19, 2017 – Phoenix, AZ). “The Role of Imaging in Radiation Planning”.
91. Rutgers Cancer Institute of New Jersey, Radiation Oncology 4-R Symposium (February 23, 2017 – New Brunswick, NJ). “Overcoming cancer treatment resistance by targeting epithelial tumor cell plasticity”.
92. ACRO national meeting: The Future of Metastatic Disease (March 11, 2017 – Orlando, FL). “Oligo-Metastatic Disease: It’s Getting Real”.
93. University of Arkansas for Medical Sciences, Winthrop P. Rockefeller Cancer Institute (March 13, 2017 – Little Rock, AR). “O-GlcNAcylation is required for mutant *KRAS*-induced lung tumorigenesis”.
94. Center for Molecular Carcinogenesis, Dept. Pathology, Anatomy & Cell Biology, Thomas Jefferson University, 2nd Annual Forum on Signaling Pathways and Non-coding RNAs in Carcinogenesis, Prevention and Therapy of Malignant Tumors (April 1, 2017 – Washington DC). “O-GlcNAcylation is required for mutant *KRAS*-induced lung tumorigenesis”.
95. Medical College of Wisconsin, Dept. Cell Biology, Neurobiology & Anatomy Seminar Series (May 17, 2017 – Milwaukee, WI). “Epithelial plasticity-induced O-linked glycosylations important for the *KRAS* mutant lung cancer phenotype”.
96. Medical College of Wisconsin, Dept. Radiation Oncology Grand Rounds (May 17, 2017 – Milwaukee, WI). “Metastatic Prostate Cancer – Basic to Clinical Interrogation”.

97. University of Texas Southwestern (UTSW), Dept. Radiation Oncology, Molecular Radiation Biology Seminar Series (May 31, 2017 – Dallas, TX). “Pathogenic Role of Epithelial Plasticity in Tumorigenesis and Metastasis”.
98. UTSW, Dept. Urology Grand Rounds (May 31, 2017 – Dallas, TX). “Oligometastatic Prostate Cancer - Role for the Local Therapists?”.
99. ASCO national meeting: Clinical Problems in Oncology Session - How to Integrate Multimodal Therapy Into the Management of Castration-Resistant Prostate Cancer. (June 2, 2017 – Chicago, IL). “Stereotactic Body Radiation: What Is Its Role in Advanced Disease?”.
100. NCI-ASTRO-SITC Immunotherapy Workshop – Incorporating Radiation Oncology into Immunotherapy (June 15, 2017 – Bethesda, MD). “Immunogenic local therapies that produce abscopal responses – radiotherapy and cryotherapy”.
101. Earle A. Chiles Research Institute, Robert W. Franz Cancer Research Center (August 18, 2017 – Portland, OR). “Epithelial tumor cell plasticity and cancer treatment resistance”.
102. RefleXion Consortium Meeting (August 25, 2017 – Hayward, CA). “PSMA Directed Imaging of Prostate Cancer – Focus on Androgen Receptor Dynamics in the Oligometastatic Space”.
103. NCI Defining the Shades of Gy Workshop: Utilizing the biological consequences of radiation therapy in the development of new treatment approaches. Session VI - “Biological consequences of clinical relevance: how can we exploit biology?” (September 12, 2017 – NCI Shady Grove Campus, MD). “Generation of Cancer Cell Specific Micronuclei as a Novel Strategy to Increase Cancer Immunogenicity”.
104. ASTRO National Meeting, Session SS28 – GU1 – Genomics, Imaging and Salvage Local Therapies after Prostatectomy or Post-radiotherapy Relapse, Discussant (September 25, 2017 – San Diego, CA).
105. ASTRO National Meeting, Session ES – Altering the Natural History of Oligometastatic Prostate Cancer: "Reality versus Illusion" (September 26, 2017 – San Diego, CA). “Oligometastatic Prostate Cancer: Biology & Movember GAP6 Project”
106. JHU, Brady Urology Grand Rounds (November 9, 2017 – Baltimore, MD). “Which is better for high-risk prostate cancer - surgery versus radiation-hormones? Enter SPCG-15”.
107. JHU, Brady Urology Prostate Research Day (December 7, 2017 – Baltimore, MD). “Hopkins SABR Oligometastatic Prostate Cancer Studies”.
108. JHU, Brady Urology Long Rifles (January 3, 2018 – Baltimore, MD). “Biochemical Recurrence - Hopkins SABR Oligometastatic Prostate Cancer Studies”.
109. NRG Semi-annual Meeting - Genitourinary (GU) Translational Science Sub-committee (January 26, 2018 – Phoenix, AZ). “Examination of epithelial plasticity-induced treatment resistance using RTOG 0521 biopsy samples”.
110. RefleXion Consortium Meeting (February 2, 2018 – Atlanta, GA). “Clinical Study Session: Prostate”.
111. 11th Multi-institutional Prostate Cancer SPORE Retreat (March 4, 2018 – Ft. Lauderdale, FL). “Generation of Cancer Cell Specific Micronuclei as a Novel Strategy to Increase Cancer Immunogenicity”.

112. 3rd Annual Forum on Signaling Pathways and Non-coding RNAs in Carcinogenesis, Prevention and Therapy of Malignant Tumors (April 16, 2018 – Chicago, IL). “Metastatic Prostate Cancer – Basic to Clinical Interrogation”.
113. ESTRO 37th meeting – CL10 prostate (April 23, 2018 – Barcelona, Spain). “Interim results of a randomized trial of observation versus SABR for oligometastatic prostate cancer”.
114. University of North Carolina School of Medicine, Lineberger Comprehensive Cancer Center Grand Rounds Seminar Series, (May 9, 2018 – Chapel Hill, NC). “Metastatic Prostate Cancer – Basic to Clinical Interrogation”.
115. PCF Coffey-Holden Prostate Cancer Academy Meeting (June 23, 2018 – Los Angeles, CA). “Radiation therapy in oligometastatic recurrent or progressive prostate cancer”.
116. 64th Annual 2018 RRS Meeting (September 26, 2018 – Chicago, IL). “Radiation biology studies with a small animal irradiator”.
117. ASCO Advantage Oncology Education for Industry Professionals - Prostate Cancer Program (October 4, 2018 – Alexandria, VA). “Management of Oligometastatic Disease: From Imaging to Therapy”.
118. ASTRO National Meeting, Session GU 3 - New Insights into Treatment Intensification Strategies for Prostate Cancer, Discussant (October 23, 2018 – San Antonio, TX).
119. 19th Annual 2018 Society of Urologic Oncology (SUO) Meeting (November 29, 2018 – Phoenix, AZ). “PSMA-Guided Metastasis Directed Radiation”.
120. University of Pittsburgh Medical Center, Hillman Cancer Center Grand Rounds Seminar Series, (December 18, 2018 – Pittsburgh, PA). “O-GlcNAcylation is required for mutant *KRAS*-induced lung tumorigenesis”.
121. NRG Semi-annual Meeting - Translational Science Committee (February 7, 2019 – Phoenix, AZ). “NRG GU Translational Research”.
122. Movember GAP6 Strategy Meeting (February 17, 2019 – San Francisco, CA). “ORIOLE CTCs & TCR-seq Correlatives”.
123. ASCO Advantage Oncology Education for Industry Professionals - Prostate Cancer Program (February 26, 2019– Alexandria, VA). “Treatment of Local/Regional Disease: Local and Systemic Therapy”.
124. ASCO Advantage Oncology Education for Industry Professionals - Prostate Cancer Program (February 27, 2019– Alexandria, VA). “Biochemical Recurrence: Evaluation and Treatment”.
125. SKCCC Cancer Invasion and Metastasis (CIM) Program Annual Retreat (April 25, 2019 – Baltimore, MD). “Ablative Therapy in Oligometastatic Prostate Cancer”.
126. MD Anderson, Dept. of Radiation Oncology Grand Rounds (May 1, 2019 – Houston, TX). “Oligometastatic Prostate Cancer – Basic to Clinical Interrogation”.
127. Rutgers Cancer Institute of New Jersey, Dept. of Radiation Oncology Grand Rounds (May 7, 2019 – New Brunswick, NJ). “Oligometastatic Prostate Cancer – Basic to Clinical Interrogation”.
128. ASTRO-RSNA Treatment of Oligometastatic Disease: Closer to the Cure Workshop, Keynote Speaker (June 13, 2019 – Washington DC). “From Idea to Clinical Practice: A Brief History of Oligometastatic Disease”.

129. Australian and New Zealand Urogenital and Prostate (ANZUP) Cancer Trials Group Annual Scientific Meeting 2018, Translational Research Symposium Session (July 21, 2019 – Brisbane, Australia). “Immunogenic local therapies that produce abscopal responses – radiotherapy and cryotherapy”.
130. ANZUP Cancer Trials Group Annual Scientific Meeting 2018, “Better When We’re Together” Session (July 22, 2019 – Brisbane, Australia). “New directions for radiation therapy in metastatic prostate cancer”.
131. ANZUP Cancer Trials Group Annual Scientific Meeting 2018, “Common Ground and Rare Insights” Session (July 23, 2019 – Brisbane, Australia). “Optimizing the management of PSA recurrence”.
132. ANZUP Cancer Trials Group Annual Scientific Meeting 2018, “Opportunities for Collaboration” Session (July 23, 2019 – Brisbane, Australia). “NRG GU Translational Research Portfolio overview”.
133. 16th International Conference on Radiation Research, Preclinical Studies on Immune Response and Radiation Session (August 27, 2019 – Manchester, UK). “Immunogenic local therapies that produce abscopal responses – radiotherapy and cryotherapy”.
134. ASCO Advantage Oncology Education for Industry Professionals - Prostate Cancer Program (August 28, 2019– Alexandria, VA). “Treatment of Local/Regional Disease: Local and Systemic Therapy”.
135. ASTRO National Meeting, Immunotherapy Will Only Be Universally Curative If Delivered With Radiation Therapy Special Session (September 15, 2019 – Chicago, IL). “Immunotherapy and Radiation – Pre-clinical Highlights”.
136. ASTRO National Meeting, ASTRO-ESTRO Joint Session - Precision Radiation Oncology... Testing, Targeting, Treating (September 15, 2019 – Chicago, IL). “NRG Oncology GU Translational Science Portfolio - Initiatives to Improve Precision Medicine Radiation Management”.
137. RefleXion ASTRO Meeting Reception (September 15, 2019 – Chicago, IL). “Should We Combine Local and Systemic Therapy in Metastatic Disease – Radiation Oncologist’s Perspective”.
138. ASTRO National Meeting, Treatment of Metastatic Prostate Cancer: Ready for Primetime? Session (September 18, 2019 – Chicago, IL). “How to Approach Oligometastases: RT, Surgery and Systemic Therapies”.
139. NCI Alliance for Nanotechnology in Cancer Meeting, Keynote Speaker (September 24, 2019 – Rockville, MD). “Most pressing needs in cancer research and oncology in context of new technology development”.
140. NCI Bladder Task Force (October 18, 2019 – Baltimore, MD). “NRG Translational Studies Portfolio”.
141. SKCCC CIM Program Weekly Seminar Series (October 23, 2019 – Baltimore, MD). "Oligometastatic Prostate Cancer – Basic to Clinical Interrogation".
142. Barretos-UCLA Radiation Oncology Refresher Course (November 8, 2019 – Barretos, Brazil). “Prostate Cancer”.
143. SKCCC CIM Program Clinical Accelerator Meeting (November 19, 2019 – Baltimore, MD). “What Systemic Therapy Should We Combine With Local Therapy in Oligometastatic Disease?”.
144. NRG Semi-annual Meeting – GU Translational Science Sub-committee (January 10, 2020 – Houston, TX). “Circulating Biomarkers in Oligometastatic Prostate Cancer Patients” .

145. NRG Semi-annual Meeting – GU Translational Science Sub-committee (January 10, 2020 – Houston, TX). “TS002 Update Decipher Validation on RTOG 9601” .
146. ASCO Advantage Oncology Education for Industry Professionals – Prostate Cancer Basic Program (January 13, 2020 – Alexandria, VA). “Treatment of Local/Regional Disease: Local and Systemic Therapy”.
147. ASCO Advantage Oncology Education for Industry Professionals - Prostate Cancer Basic Program (January 13, 2020 – Alexandria, VA). “Biochemical Recurrence: Evaluation and Treatment”.
148. ASCO Advantage Oncology Education for Industry Professionals - Prostate Cancer Advanced Program (January 23, 2020 – Alexandria, VA). “Management of Oligometastatic Disease: From Imaging to Therapy”.
149. University of Miami Miller School of Medicine, Sylvester Comprehensive Cancer Center, Department of Radiation Oncology Grand Rounds (February 6, 2020 – Miami, FL). “Implication of epithelial plasticity programs in oligometastatic prostate cancer”.
150. Baltimore-Washington Glycobiology Interest Group Seminar Series (February 11, 2020 – Baltimore, MD). “O-GlcNAcylation is required for mutant *KRAS*-induced lung tumorigenesis”.
151. Genitourinary Cancers Symposium, Targeted Therapy in the Context of Low-Volume Metastatic Prostate Cancer Session (February 13, 2020 – San Francisco, CA). “Biologic and Clinical Rationale for Treatment of the Primary in Low-Volume Metastatic Disease”.
152. Brigham and Women’s Hospital, Department of Surgery, Division of Urology (February 26, 2020 – Boston, MA). “From Idea to Clinical Practice: A Brief History of Oligometastatic Disease”.
153. Dana-Farber Cancer Institute, Lank Center for Genitourinary Oncology, Seminars in Genitourinary Oncology (February 26, 2020 – Boston, MA). “Implication of epithelial plasticity programs in oligometastatic prostate cancer”.
154. Mayo Clinic, Department of Radiation Oncology Grand Rounds (February 28, 2020 – Rochester, MN). “Implication of epithelial plasticity programs in oligometastatic prostate cancer”.
155. JHU, Brady Urology Grand Rounds (April 23, 2020 – Baltimore, MD). “Radiation as a Strategy to Increase Cancer Immunogenicity in Muscle-Invasive Bladder Cancer”.
156. JHU, Department of Radiation Oncology Grand Rounds (May 28, 2020 – Baltimore, MD). “Implication of epithelial plasticity programs in oligometastatic prostate cancer”.
157. PCF Global Knowledge Exchange on Oligometastatic Prostate Cancer (July 6, 2020 – Baltimore, MD). “Impact of next generation imaging: PSMA and lessons from the ORIOLE trial”.
158. UTSW, Hamon Center for Therapeutic Oncology Research Seminar (October 1, 2020 – Dallas, TX). “Oligometastatic Prostate Cancer – Basic to Clinical Interrogation”.
159. University of Pennsylvania, Radiation Oncology (June 16, 2021 - Philadelphia, PA). “TBD”.

Ongoing Research Support

ENZA-13L21 Astellas-Medivation Pharma	Tran/Antonarakis (PI)	3/2/15-4/15/22	0.6 calendar mos \$889,821 total
“SALV-ENZA - Phase II Randomized Placebo-Controlled Double-Blind Study of Salvage Radiation Therapy (SRT) Plus Placebo vs. SRT Plus Enzalutamide in Men with High Risk PSA-Recurrent Prostate Cancer” Randomized, double-blind, phase II, prospective, multicenter study in male adults with biochemically recurrent prostate cancer following radical prostatectomy. Role: co-PI			
IHS-1409-22534 Patient-Centered Outcomes Research Institute (PCORI)	Smith (PI)	10/15/15-9/15/21	0.6 calendar mos \$507,914
Simplifying Survivorship Care Planning: Comparing the Efficacy and Patient-Centeredness of Three Care Delivery Models in Prostate, Breast and Colorectal Cancer Role: Co-I			
1U01CA212007-01A1 NIH/NCI	Fertig/Ewald/Popel/Tran (PI)	04/01/18-03/31/23	1.2 calendar mos \$393,909
Integrating bioinformatics into multiscale models for hepatocellular carcinoma The goal of this project is to develop novel multiscale model that use cellular signaling and molecular transport, agent-based models of cellular growth and invasion and compartment-based models for pharmacokinetics/pharmacodynamics (PD/PD) to bridge the molecular, cellular, and tumor scales. Role: Co-PI			
1R21CA223403-01 NIH	Wang/Tran (PI)	06/15/18-5/31/21 NCE	0.96 calendar mos \$275,000 total
A pre-clinical x-ray/optical tomography-guided radiation research platform for pancreatic cancer The goal of this project is to integrate a novel clinically-relevant pancreatic cancer mouse model with an advanced x-ray/optical tomography-guided small animal radiation research platform. Role: Co-PI			
1U01CA230978-01 NCI	Zachara (PI)	08/01/18-07/31/21	0.6 calendar \$272,000
Tuning and Tagging the O-GlcNAc Modification The major goal of this project is to address and develop the tools in the roadblock of defining the molecular mechanisms by which O-GlcNAc potentiates tumorigenesis and other conditions. Role: Co-I			
SBIR Subcontract Asclepix Therapeutics	Tran (PI)	09/01/18-08/31/20 NCE	0.24 calendar \$47,500
Therapeutic peptide for hepatocellular carcinoma The goal of this project is to combine expertise in nanoparticle drug delivery, anti-cancer peptide creation, and in clinically relevant HCC models to create a new nanoparticle-based system and evaluate its efficacy in a model of HCC. Role: site-PI			
1U01CA231776-01 NCI	Hann/Marchionni/Tran (PI)	09/03/18-08/31/23	1.2 calendar \$362,295
Bioinformatic-Chemical Approach to Credential Molecular Targets to Combat Rapid Chemo-Radiation Resistance in SCLC The goal of the proposed research is to develop an integrated research program to elucidate mechanisms of small cell lung cancer resistance to chemoradiation. Role: Co-PI			

IIRUS2014437	Tran (PI)	5/10/19-5/9/22	0.24 calendar mos \$228,881 total
Bayer Healthcare			
“A Phase II Randomized Trial of Radium-223 and SABR Versus SABR for oligometastatic Prostate cancerS (RAVENS)”			
Randomized phase II trial in male adults with oligorecurrent prostate cancer.			
Role: PI			
W81XWH1910479	Wan (PI)	08/01/19-07/31/22	0.24 calendar \$200,00
Dept of Defense CDMRP Prostate Cancer Research Program			
“Targeting a novel regulatory mechanism of PARP1 activation in castrate-resistant prostate cancer”			
The goal of this project is to screen and validate small molecule compounds from the NIH compound Library containing 100,000 compounds that specifically inhibit the Sam68-stimulated PARP1 activation, and to examine the potential clinical relevance of the potent lead small molecule compounds for castrate-resistant prostate cancers (CRPCs) treatment.			
Role: Co-I			
SBIR Subcontract	Hobbs (PI)	09/01/19-08/31/21	0.6 calendar \$302,516
RAPID			
Treatment optimization by combined alpha-emitter (alphaRPT)/radiotherapy (XRT) dosimetry for prostate cancer patients			
The major goal is to demonstrate that the dose-based approach produces better treatment plans, develop a prototype cloud-based treatment planning software service α CXRPT, and validate this software using data from the RAVENS trial.			
Role: site-Co-I			
90085677	Paller/Tran (PI)	10/1/19-9/30/21	0.24 calendar mos \$250,000 total
Barbara’s Fund			
“RAVENS trial correlative studies”			
To determine which men with oligometastatic prostate cancer benefit the most from SABR with or without radiopharmaceutical therapy through correlative studies.			
Role: Co-PI			
90087049	Paller/Tran (PI)	3/2/20-2/28/21	0.24 calendar mos \$202,471 total
National Capital Cancer Research Fund			
“Validation of a mutational signature in oligometastatic prostate cancer treated with metastasis directed therapy”			
To validate a high-risk mutational signature from previously treated men with oligometastatic prostate cancer from National Capitol and Baltimore Johns Hopkins campuses using next generation sequencing.			
Role: Co-PI			

Completed Research Support

5-T32-HL07781	Bagby (PI)	7/1/98-6/30/01	
NIH			\$12,000
Oregon Health & Science University Molecular Hematology Research Training Fellow.			
Role: Investigator			
Research Resident (RR0601)	Tran (PI)	7/1/06-6/30/07	
RSNA			\$30,000
“Investigations on the Mechanism of MYC-dependent Inhibition of DNA double strand break repair”			
To explore mechanisms of MYC-dependent genomic instability primarily by structure-function studies on MYC with double-strand break repair assays.			
Role: PI			
No overlap			
1046297-100-KAVWO	Tran (PI)	7/1/07-6/30/08	
SUMC Radiation Oncology Henry S. Kaplan Fund			\$45,000
“Investigations on the Mechanism of MYC-dependent Inhibition of DNA double strand break repair”			
To explore mechanisms of MYC-dependent genomic instability primarily by structure-function studies on MYC with double-strand break repair assays.			
Role: PI			
Research Fellow (RF0801)	Tran (PI)	7/1/08-7/30/09	
Radiologic Society of North America			\$50,000
“Investigations on the Differential Oncogene-dependency of MYC versus <i>K-Ras</i> Murine Primary Lung Tumor Model Systems”			
Goals are to isolate differences in oncogenic signal transduction networks between MYC- and <i>K-Ras</i> -induced lung tumors and then to force MYC-induced lung tumors to exhibit an oncogene-addicted phenotype by targeting these differences.			
Role: PI			
PRF-CHRP Pilot Award	Tran (PI)	1/1/09-7/31/09	
Pediatric Research Fund - Child Health Research Program (PRF-CHRP)			\$35,000
“Conditional epithelial-mesenchymal transition (EMT)-dependent murine model for radiation induced-pulmonary fibrosis”			
Aim #1 is to generate conditional mTWIST and mSNAI-S6A lung restricted mouse models. Aim #2 is to characterize phenotypes of these mice following thoracic radiation using small animal imaging and ultimately pathologic examination. Aim #3 is to determine if constant transcription of mTWIST and mSNAI-S6A are necessary for fibrosis phenotypes.			
Role: PI			
PBF Fellowship (23799)	Tran (PI)	6/1/08-5/31/11	
Francis Family Foundation			\$50,000
“Investigations on the Differential Oncogene-dependency of MYC versus <i>K-Ras</i> Murine Primary Lung Tumor Model Systems”			
Aims #1 & #2 goals are to isolate the molecular differences between MYC- and <i>K-Ras</i> -induced lung tumors and then to force MYC-induced lung tumors to exhibit an oncogene-addicted phenotype by targeting these differences. Aim #3 is the generation of a conditional mouse model of <i>Twist1</i> for the study of pulmonary fibrosis and cancer metastasis.			
Role: PI			
ASTRO JFCRTA	Tran (PI)	8/15/09-6/30/12	
American Society for Radiation Oncology (ASTRO)			\$125,000
“Inducible <i>SNAIL</i> transgenic mouse model for radiation induced-pulmonary fibrosis”			
Aim #1 is to generate an inducible hSNAIL-S6A lung mouse model. Aim #2 is to characterize phenotypes of these mice following thoracic radiation using small animal imaging and molecular-pathologic examination. Aim #3 is to determine if constant transcription of hSNAIL-S6A is necessary for maintenance of fibrosis.			

Role: PI

O'Brien Center Pilot	Tran/Schaeffer (PI)	11/1/10-10/31/12	
George M. O'Brien Center for Benign Prostate Hyperplasia/LUTS Research			\$25,000
"TWIST1 and Embryonic Reawakening in benign prostatic hyperplasia revisited"			
Aim #1 is to establish a link between prostate luminal cell specific <i>Twist1</i> overexpression and increased prostate stem cells. Aim #2 is to determine if prostate specific <i>Twist1</i> overexpression <i>in vivo</i> results in autochthonous prostate hyperplasia.			
Role: PI			
5P50CA058184-17	Baylin (PI)	7/1/12-11/30/12	
NIH			\$75,000
"Screening for inhibitors of Twist1-induced dissemination"			
Aim 1: Validate Twist1 inhibitory agents identified from CMAP analysis using a Twist1-dependent assay for primary epithelial cell invasion and dissemination. Aim 2: Validate Twist1 inhibitory agents identified from CMAP analysis on transgenic inducible <i>Twist1</i> tumor moribund mice and using experimental metastasis assays with human lung cancer cells for inhibition of invasion and metastasis.			
Role: Development project investigator			
PCW Award	Tran (PI)	4/1/11-3/31/13	
Patrick C. Walsh Prostate Cancer Research Fund			\$75,000
"MYC as a biomarker to direct statin targeted therapy for definitive treatment of prostate cancer"			
Aim #1: Pharmacodynamic Phase 0 trial of pre-prostatectomy lovastatin to downregulate MYC in localized prostate cancer.			
Role: PI			
	DeWeese (PI)	5/29/12-5/28/13	
Augmentix, Inc			\$143,504
Evaluation of SpaceOAR System when used to Create Space Between the Rectum and Prostate in Men Undergoing Image Guided – Intensity Modulated Radiation Therapy (IG-IMRT) for Localized Stage T1-T2 Prostate Cancer: A Randomized, Multicenter, Parallel Arm Controlled Clinical Study			
Major Goal: A Randomized Controlled Trial of SpaceOAR hydrogel system with Radiation Therapy for Localized Prostate Cancer			
Role: Co-I			
Junior Investigator Award	Tran (PI)	3/1/12-2/28/14	
Uniting Against Lung Cancer			\$50,000
"Screening for TWIST1 inhibitors as treatment for lung cancer"			
Perform connectivity map (CMAP) to identify candidate agents that target TWIST1 and validate these agents identified from CMAP analysis on human lung cancer cell lines and on transgenic inducible <i>KrasG12D/Twist1</i> tumor moribund mice for activation of oncogene-induced senescence (OIS).			
Role: PI			
PCW Award	Tran (PI)	4/1/13-3/31/14	
Patrick C. Walsh Prostate Cancer Research Fund			\$75,000
"Phase I Trial of HSP90 Inhibition and Radiation-Androgen Deprivation Therapy for High-Risk Localized and Locally Advanced Prostate Cancer"			
Phase 1 trial of ganetespib and standard of care radiation and long-term androgen deprivation therapy for high-risk and locally advanced prostate cancer.			
Role: PI			
2P50CA103175-06A2	Bhujwala (PI)	10/1/11-9/30/16	
NIH			\$12,000

“Lung specific Twist-mediated EMT in lung premetastatic niche”

Aim 1: Determine whether the bi-transgenic Clara cell specific promoter-reverse tetracycline transactivator/Luc-tetO-Twist1 (or CT) mouse line has increased metastatic tumor burden following experimental metastasis with fluorescently-tagged breast cancer cell line, NT2.5.

Role: Pilot project investigator for years 1-2

W81XWH-12-LCRP-CA	Nelkin (PI)	6/1/13-5/31/14	
DoD			\$100,000

“Role of Cdk5 as a tumor suppressor gene in non-small cell lung cancer”

The key objective of this study is to determine whether the Cdk5 gene acts as a tumor suppressor in lung cancer.

Role: Co-I

W81XWH-13-1-0182	Tran (PI)	7/1/13-6/30/14	
DoD			\$100,000

“Designing polyamide inhibitors of TWIST 1 for pro-senescence therapy”

The key objective of this study is to develop polyamide based TWIST1 inhibitors for lung cancer.

Role: PI

Personalized Med Pilot Award	Tran (PI)	1/1/12-12/31/13	
Commonwealth Foundation			\$125,000

“Individualized therapy for KRAS mutant lung cancer through triggering oncogene-induced senescence”

Aim 1: Determination of KRAS dependency in KRAS mutant NSCLC. Aim 2: Activation of oncogene-induced senescence by TWIST1 inhibition as a therapeutic strategy in KRAS mutant NSCLC.

Role: PI

W81XWH-11-1-0336	Schaeffer (PI)	11/1/11-9/29/14	
Dept of Defense CDMRP Prostate Cancer Research Program			\$146,254

“*RNASEH2A* - a Putative “Non-Oncogene Addiction” Gene Target and Marker for Radio-sensitivity in High Risk Prostate Cancer”

Specific Aim 1: Demonstrate the association of *RNASEH2A* with lethal prostate cancer. Specific Aim 2: Evaluate the ability of *RNASEH2A* to modulate radio-sensitivity in prostate cancer cell lines and xenograft models. Specific Aim 3: Investigate *RNASEH2A* as a tissue and biofluid based marker of radio-sensitivity.

Role: Co-I

1R01CA158100	Wong (PI)	7/1/11-12/31/15	NCE
NIH/NCI			\$458,754

“An integrated x-ray/optical tomography system for preclinical radiation research”

Aim 1: Design and construct an integrated x-ray/bioluminescent tomography (BLT) system that can function as a standalone research apparatus and also on-board the SARRP to guide focal irradiation. Aim 2: Validate at three academic partner institutions the accuracy of on-board x-ray and BL tomography.

Role: Co-I

W81XWH-11-1-0272	Tran (PI)	3/21/11-3/20/16	
Dept of Defense CDMRP Prostate Cancer Research Program			\$130,000

“Evaluating the Efficacy of ERG-Targeted Therapy in Vivo for Prostate Tumors”

Aim #1: Validate an inducible *ERG* prostate specific mouse model. Aim #2: *ERG* cooperation with *AKT* for prostate tumorigenesis. Aim #3: *ERG* can serve as an effective molecular therapeutic target for prostate tumors.

Role: PI

Catalyst Award	Tran (PI)	7/1/15-6/30/16	
Johns Hopkins University			\$75,000

“Centrosome Clustering Inhibition as a Novel Radiosensitizing Paradigm for Lung Cancer”

The goal of the proposed research is to examine the role of centrosome amplification in lung tumorigenesis and whether inhibition of centrosome clustering can serve as a novel method of tumor selective radiosensitization.

Role: PI

Sid Kimmel Transl Sci Award Tran (PI) 7/1/13-12/31/16 NCE
Sidney Kimmel Foundation \$100,000

“Modeling EMT-induced lung adenocarcinoma resistance to erlotinib *in vivo*”

The key objective of this study is to determine whether the EMT pathway can confer resistance to erlotinib.

Role: PI

PrTK03 DeWeese (PI) 7/01/11-6/30/16
Advantagene, Inc \$33,115

A Randomized Controlled Trial of Prostatak as Adjuvant to up-front Radiation Therapy for Localized Prostate Cancer

A Randomized Controlled Trial of Prostatak as Adjuvant to up-front Radiation Therapy for Localized Prostate Cancer

Role: Co-I

Pancreatic Pilot Tran (PI) 1/1/16-12/31/16
Sol Goldman Pancreatic Research Center \$50,000

Activation of mutant *Kras*-induced senescence as treatment for pancreatic cancer

The overall goal is to develop a mouse model to test whether *Twist1* is required for suppression of *Kras* oncogene-induced senescence (OIS) and if this latent OIS program can be activated *in vivo*.

Role: PI

Research Scholar Tran (PI) 7/1/12-6/30/17 NCE
American Cancer Society \$150,000

“*Twist1* structure-function studies of *Kras*-induced senescence inhibition”

The goal of this proposal is to characterize the domains of *Twist1* required for suppression of *Kras* oncogene-induced senescence (OIS), increased tumorigenicity and activation of OIS *in vitro* and *in vivo* using inducible *Twist1* transgenic mice.

Role: PI

Research Scholar Ewald (PI) 7/1/12-6/30/17 NCE
American Cancer Society \$150,000

“Regulation of mammary dissemination by cell adhesion and the myoepithelium”

The primary goal of this proposal is to dissect the molecular requirements for the barrier function of myoepithelial cells for breast epithelial dissemination using an inducible *Twist1* and conditional E-cadherin deletion mouse models.

Role: Co-I

Discovery Award Fertig/Tran/Bader/Ewald/Popel (PI) 8/1/16-7/31/17
Johns Hopkins University \$150,000

Knowledge-driven and data-driven models of liver cancer

The overall goal is to develop multiscale models of liver cancer using mouse models, organoids, bioinformatics and proteomic scale data.

Role: Co-PI

LCD-339465 Tran (PI) 7/1/15-12/31/17 NCE
American Lung Association \$100,000

“Overcoming erlotinib resistance in lung cancer by targeting oncogenic free radicals”

The goal of the proposed research is to explore NOX4-induced reactive oxygen species as a means to bypass EGFR inhibition by erlotinib using a novel *EGFR* mutant-*Twist1* inducible transgenic mouse model of lung cancer.

Role: PI

16CHAL13 Movember-PCF	Sfanos (PI)	1/1/17-12/31/18	\$500,000
“The Microbiome and Metastatic, Lethal Prostate Cancer: Establishment of an International Resource for the Prostate Cancer Research Community”			
The goal is to provide a centralized research core for the collection and of profiling of the microbiome from men with lath prostate cancer.			
Role: Co-I			
15YOUN017 PCF Young Invest. Award	Ross/Tran (PI)	1/31/16-1/31/19	\$75,000
“Effects of Local therapy on the Systemic Anti-Tumor Response: Exploration of the Abscopal Effect in Mouse Models for Prostate Cancer”			
The overall goal is to test whether local therapies can stimulate an immune response using a prostate cancer mouse model.			
Role: PI			
1R01CA166348-01A1 NIH/NCI	Tran (PI)	8/1/13-5/31/19 NCE	\$250,000
“Structure-Functions Studies of Twist1-induced Radioresistance in Lung Cancer”			
The goal of this proposal to characterize the domains and gene targets of Twist1 required for Twist-induced lung cancer radioresistance <i>in vitro</i> and <i>in vivo</i> using transgenic <i>Kras^{G12D}</i> -Twist1 lung cancer mice.			
Role: PI			
1U01CA183031-01A1 NIH/NCI	Pomper/DeWeese (PI)	7/15/15-6/30/19 NCE	\$500,000
“PSMA-Directed PET/MR Imaging and Image-Guided Therapy of Prostate Cancer”			
The overall goal is to validate a positron-emitting, PSMA-targeted imaging agent clinically so it may be used to full advantage in supporting existing and emerging therapies for a spectrum of patients suffering from prostate cancer.			
Role: Co-I			
90079129 Movember Foundation	Tran (PI)	03/01/18-09/30/19 NCE	\$36,256
Phase I GAP6 Oligometastatic Prostate Cancer Project			
The major goal of this project is to understand the biological differences between castration-sensitive oligometastatic and polymetastatic PCa at multiple levels.			
Role: Co-PI			
90076936 RefleXion Medical, Inc.	Tran (PI)	11/1/17-10/31/19	\$88,459
“Treatment planning comparison of DCFPyL PET-CT targeted oligometastatic prostate cancer”			
The project goal is to retrospective bGRT replanning study of 20-30 patients treated with SBRT to DCFPyL PET-CT positive lesions.			
Role: PI			
15CHAL10 Movember-Prostate Cancer Foundation (PCF)	Tran (PI)	8/1/15-7/31/20 NCE	1.2 calendar mos \$500,000
“Altering the Natural History of Metastatic Prostate Cancer using Stereotactic Ablative Radiotherapy (SABR) and Immune Stimulation”			
The overall goal is to test consolidation of all sites of macroscopic disease with SABR in combination with the immune stimulatory agent ADXS-PSA in men with oligometastatic prostate cancer using a first-in-man clinical trial and complimentary correlative approaches.			
Role: PI			

Clinical Trials (PI Only)

1. J0910 - Multimodality Therapy for Recurrent High-Risk Prostate Cancer: A Phase II Study. Role: PI. *Reported out PMID 26754260.*
2. J1153 - Pharmacodynamic Trial of Pre-Prostatectomy Lovastatin on MYC Down-Regulation in Localized Prostate Cancer. Role: PI. *Closed early.*
3. J11157 - Stereotactic Body Radiation Therapy and Short-Term Androgen Ablation for Intermediate-Risk, Localized, Adenocarcinoma of the Prostate. Role: PI. *Closed early.*
4. J1454 – SALV-ENZA Trial: Phase II Randomized Placebo-Controlled Double-Blind Study of Salvage Radiation Therapy (SRT) Plus Placebo *Versus* SRT Plus Enzalutamide in Men with High-Risk PSA-Recurrent Prostate Cancer after Radical Prostatectomy. Role: PI. *Closed to accrual.*
5. J1569 - Phase I Trial of HSP90 Inhibition and Radiation-Androgen Deprivation Therapy for High-Risk Localized and Locally Advanced Prostate Cancer. Role: PI. *Closed early.*
6. J15180 - Phase II Randomized Observation versus Stereotactic Ablative Radiation for Oligometastatic Prostate CancEr (ORIOLE) trial. Role: PI. *Reported out PMID 32215577.*
7. J15203 - Pilot Biomarker Study of Stereotactic Body Radiation Therapy for Prostate Cancer Oligometastases. Role: PI. *Closed early.*
8. J18147 - A phase II randomized trial of Radium-223 and SABR Versus SABR for oligomEtastatic prostate caNcerS (RAVENS). Role: PI. *Open to accrual.*

Patents

1. Compounds and Methods of Use in Ablative Radiotherapy. *Patent filed 3/9/2012. PCT/US2012/028475. PCT/WO/2012/122471. Patent awarded 5/25/2015. Patient#: 9114158. Licensed to Natsar Pharmaceuticals.*
2. A method of determining the prognosis of hepatocellular carcinomas using a multigene signature associated with metastasis. *Patent filed 7/11/2012. PCT/US2012/046169. PCT/WO/2013/009809.*
3. Tumor response prediction to therapy. *Patent filed 11/18/2012. PCT/ US2013/0131491.*
4. Method for identifying required molecular components of Twist-1 mediated invasion, dissemination, and metastasis. *Provisional Patent filed 11-2011.*

Consulting

1. The Sustainable Cycle. Equity Member. 1/2012-6/2012.
2. LEK Consulting. Consultant.
3. GenomeDx Biosciences. Medical Advisory Board. 9/2014.
4. Medivation Inc-Astellas Pharma Inc. Medical Advisory Board. 9/2014
5. Regeneron Pharmaceuticals. Medical Advisory Board. 9/2014.
6. Dendreon Pharmaceuticals, Inc. Medical Advisory Board. 11/2016.
7. RefleXion Medical. Consortium Member. 8/2017-9/2019.
8. Noxopharm. Medical Advisory Board. 9/24/2019.
9. Janssen-Taris Biomedical. Medical Advisory Board/Consultant. 5/24/2020-current.
10. Myovant. Medical Advisory Board. 7/10/2020.
11. AstraZeneca. Medical Advisory Board. 9/11/2020.

Teaching

1. Johns Hopkins School of Medicine Radiation Oncology (JHU SOM) annual course (2009-present). “Radiation Biology”.
2. JHU SOM Genes to Society Medical Student Course (3/16/2010). “Introduction to Radiation Oncology”.
3. JHU SOM Cellular and Molecular Medicine Course (2010-present). “Genomic Instability in Human Disease” ME:810.716.
4. JHU SOM Brady Urology Summer Lectures (8/17/2010). “Introduction to Radiation Oncology”.

5. JHU SOM Radiation Oncology (8/30/2010). “EBRT DVH/planning for prostate cancer”.
6. JHU SOM Brady Urology Resident Lecture (10/5/2010). “Principles of Radiation Therapy”.
7. JHU SOM Resident/Fellow Oncology Multi-Disciplinary Teaching Conference (1/20/2011). “Management of GU Malignancies”.
8. JHU SOM Resident/Fellow Oncology Multi-Disciplinary Teaching Conference (1/19/2012). “Management of GU Malignancies – Testicular and Penile Cancer”.
9. JHU SOM Resident/Fellow Oncology Multi-Disciplinary Teaching Conference (3/29/2012). “Management of GU Malignancies – Bladder Cancer”.
10. JHU SOM Brady Urology Summer Lectures (8/15/2012). “Introduction to Radiation Oncology”.
11. JHU SOM Radiation Oncology (11/5/2012). “Prostate Cancer Case Conference: Mock Orals”.
12. JHU SOM Radiation Oncology (11/26/2012). “GU Cancer Case Conference: Mock Orals”.
13. JHU SOM Resident/Fellow Oncology Multi-Disciplinary Teaching Conference (3/21/2013). “Definitive Management of Prostate Cancer”.
14. JHU SOM and University of Maryland Radiation Oncology Joint Journal Club (4/24/2013). “Prostate Cancer”.
15. SKCCC Fundamentals of Cancer: Cause to Cure (10/14/2013). “Principles of Radiotherapy”.
16. JHU SOM Radiation Oncology (3/11/2014). “Bladder Cancer Case Conference: Mock Orals”.
17. JHU SOM CMM Core Discussion (4/11/2014). “Programmed Cell Senescence during Mammalian Embryonic Development”.
18. JHU SOM Radiation Oncology (10/6/2014). “Prostate cancer radiation simulation, planning and plan evaluation”.
19. JHU SOM Radiation Oncology (10/14/2014). “Prostate Cancer Case Conference: Mock Orals”.
20. SKCCC Fundamentals of Cancer: Cause to Cure (10/20/2014). “Principles of Radiotherapy”.
21. JHU SOM Radiation Oncology (10/30/2014). “GU Cancer Case Conference: Mock Orals”.
22. JHU SOM CMM Core Discussion (10/31/2014). “Dihydropyrimidine Accumulation Is Required for the Epithelial-Mesenchymal Transition”.
23. JHU SOM Genes to Society Medical Student Course (3/16/2015). “Principles of Radiotherapy: Case Studies”.
24. SKCCC Fellow’s Day (5/15/2015). “Poster Highlights”.
25. SKCCC Fundamentals of Cancer: Cause to Cure (10/19/2015). “Principles of Radiotherapy”.
26. JHU SOM Radiation Oncology (10/22/2015). “Prostate cancer radiation simulation, planning and plan evaluation”.

27. SKCCC Oncology Journal Club (11/13/2015). “Genomic classifier identifies men with adverse pathology after radical prostatectomy who benefit from adjuvant radiation therapy”.
28. JHU SOM CMM Core Discussion (2/19/2016). “Senescent cells communicate via intercellular protein transfer”.
29. JHU SOM Radiation Oncology (5/4/2016). “Prostate cancer radiation simulation, planning, plan evaluation and image-guidance evaluation”.
30. JHU SOM Brady Urology Resident Lecture (7/12/2016). “Prostate cancer radiotherapy basics”.
31. JHU SOM Radiation Oncology (10/7/2016). “Prostate Cancer Case Conference: Mock Orals”.
32. JHU SOM CMM Core Discussion (3/31/2017). “DNA Repair Defects and Olaparib in Metastatic Prostate Cancer”.
33. JHU SOM Radiation Oncology (7/10/2017). “Introduction to Prostate Cancer”.
34. JHU SOM Radiation Oncology (8/24/2017). “Intermediate/High-risk Localized Prostate Cancer”.
35. JHU SKCCC Medical Oncology Fellows Lecture (9/6/2017). “Localized Prostate Cancer”.
36. JHU SOM Radiation Oncology (9/7/2017). “Prostate Cancer Case Conference: Mock Orals”.
37. JHU SOM Brady Urology Resident Lecture (5/25/2018). “Principles of Radiation Therapy”.
38. JHU SOM MSTP Herlong Rounds (6/6/2018). “Overcoming Cancer Treatment Resistance by Targeting Epithelial Tumor Cell Plasticity”.
39. JHU SOM Brady Urology Work in Progress Meet the Experts Lecture (7/19/2018). “Overview of Clinical Radiotherapy for Oligo-metastasis in Prostate Cancer”.
40. JHU SOM Radiation Oncology (8/2/2018). “Intermediate/High-risk Localized Prostate Cancer”.
41. JHU SOM Radiation Oncology (8/6/2018). “Prostate Cancer Case Conference: Mock Orals”.
42. JHU SOM CMM Core Discussion (4/26/2019). “Stereotactic ablative radiotherapy versus standard of care palliative treatment in patients with oligometastatic cancers (SABR-COMET): a randomized, phase 2, open-label trial”.
43. JHU SOM Brady Urology Work in Progress Meet the Experts Lecture (7/11/2019). “Principles of Radiation Therapy”.
44. JHU SOM Radiation Oncology (8/23/2019). “Intermediate/High-risk Localized Prostate Cancer”.
45. JHU SKCCC New Approaches to Cancer Prevention and Therapy Lecture (4/7/2020). “Radiation Therapy and Radiation Modulators to Increase Local and Systemic Anti-tumor Responses”.
46. JHU SOM Radiation Oncology (8/7/2020). “Intermediate/High-risk Localized Prostate Cancer”.

Mentoring:**Former:**

1. Joy Chen, MD - Stanford Biology Masters Student and Laboratory Technician Level I (7/06-6/08).
Current position – Surgery Resident at Stanford University School of Medicine (7/12-present).
2. Melissa Horoschak, MD – Stanford Medical Student (3/08-6/09).
Current position - Community Radiation Oncologist (7/14-present).
3. Pavan Bachireddy, MD – Stanford Medical Student (3/08-6/09).
Current position – Medical Oncology Fellow at Dana-Farber Cancer Institute (7/12-present).
4. Leelanand Rachakonda, MD – Stanford Medical Student (8/08-6/09).
Current position – Community Radiologist (7/14-present).
5. Diane Tseng, MD, PhD - Stanford Medical Student (12/08-1/2012).
 - **ASTRO 2010 poster selected for ARRO Poster Walk with a Professor.**
Current position – Dermatology Resident at Stanford University School of Medicine (7/14-present).
6. Sandhya Thulasi Das, PhD – JHU SOM Postdoctoral Fellow (2/10-8/10).
Current position - Postdoctoral Fellow (Wayne Mitzner Lab) Bloomberg School of Public Health, Johns Hopkins University (9/10-present).
7. Saravanan Thiyagarajan, DVM, MS, PhD – JHU SOM Postdoctoral Fellow (10/09-12/10).
Current position – Principal Scientist and Group Leader of Oncology-Pharmacology, Mitra Biotech Private Limited, Mazumdar-Shaw Cancer Center, Bangalore, India (12/10-present).
8. Michael Armour, MS, DVM - JHU SOM Research Technologist/Pre-Vet (11/09-6/11).
Current position – Chief of Staff Veterinarian, Banfield Pet Hospital (7/18-present).
9. Tarek Salih, BS - JHU SOM Research Technologist/Pre-Med (1/10-5/11).
 - **Johns Hopkins Post-baccalaureate Research Education Program (PREP) Scholar 2010.**
 - **3rd Place Oral Presentation at JHU Rad Onc Retreat 2010.**
Current position – MSTP Student at Washington University School of Medicine (7/11-present).
10. Parisa Moghaddam-Taaheri, BS - JHU Biomed Engineering Undergraduate Student (1/11-4/11).
Current position – Bioengineering Graduate Student at University of Maryland (9/13-present).
11. Khaled Aziz, MS – JHU SOM Research Technologist/Pre-Med (1/10-5/12).
 - **ASTRO 2011 Oral Presentation in the Biology Session - New Targets: DNA Damage Response and Intracellular Signals.**
Current position – Radiation Oncology Resident at JHU SOM (7/21-present).
12. Jing Zeng, MD - JHU SOM Postdoctoral Fellow/Resident (7/10-6/12).
 - **1st Place Poster at JHU Rad Onc Symposium 2011.**
 - **ASCO 2011 Oncology Trainee Travel Award.**
 - **RSNA Roentgen Resident Research Award 2011.**
 - **ASTRO 2011 Oral Presentation in the Biology Session - New Targets: mTOR and Tumor Microenvironment.**
 - **ASTRO 2011 National Meeting Abstract Award.**
 - **1st Place Oral Presentation at JHU Rad Onc Retreat 2011.**
 - **ICTR-PHE 2012 Oral Presentation(s): (1) Proffered Papers - Biology (I); and (2) Proffered Papers – Clinics (II).**
Current position – Associate Professor of Radiation Oncology at University of Washington School of Medicine (6/17-present).
13. Janet Chong – University of Maryland Biology Undergraduate Student (12/11-12/12).
Current position – University of Maryland Biology Undergraduate Student (12/11-present).
14. Travis Peck, BS – University of Delaware Biochemistry Undergraduate Student (1/13-5/13, 5/14-8/14).
Current position – Medical Student at University of Virginia School of Medicine (8/13-present).
15. Nishant Ghandi, MS - JHU SOM Research Technologist/Pre-doctoral (5/11-6/13).
 - **ASTRO 2012 Poster Discussion in the Biology Session.**
Current position – Graduate Student at Roswell Park Cancer Institute (7/13-present).
16. Siddharth Menon, MS – JHU Biology Undergraduate Student (2/12-6/13).
Current position – University of Virginia Ophthalmic Assistant (8/14-present).

17. Sarah Manmiller, BSN – York College of Pennsylvania Biology Undergraduate Student (5/13-1/14).
 - **Leadership Alliance Summer Research Early Identification Program (SR-EIP) 2013.**
 - **NIH Post-baccalaureate Internal Research Training Award Program 2014**
 Current position – Medical Student at Penn State College of Medicine (7/15-present).
18. Sivarajan T. Chettiar, PhD - JHU SOM Postdoctoral Fellow (11/10-10/13).
 - **ASTRO 2013 Poster Discussion in the Biology Session.**
 Current position – Scientist, Pandorum Technologies Private Limited, Bangalore, India (10/16-present).
19. Amanda Walker, MD – JHU SOM Postdoctoral Fellow/Resident (1/13-6/14).
 - **RSNA Research Resident Grant 2013.**
 - **ASTRO 2014 Oral Presentation in the Biology Session - Immunotherapy and the Microenvironment.**
 - **ASTRO 2014 National Meeting Abstract Award.**
 - **1st Place Oral Presentation at JHU Rad Onc Retreat 2014.**
 Current position – Current position – Assistant Professor of Radiation Oncology at the JHU SOM (7/19-present).
20. Aaron T. Wild, MD – JHU SOM Medical Student (8/11-6/14).
 - **RSNA Research Medical Student Grant 2012.**
 - **ASTRO 2012 Poster Discussion in the SBRT Techniques Session.**
 - **ASTRO 2013 Oral Presentation in the GI Session – SBRT and Hypofractionation.**
 Current position – Radiation Oncology Resident at Memorial Sloan-Kettering Cancer Center (7/15-present).
21. Rajendra Gajula, PhD - JHU SOM Postdoctoral Fellow (10/10-9/14).
 Current position – Faculty Scientist, Institute of Bioinformatics, Bangalore, India (9/17-present).
22. Russell Williams, PhD – JHU SOM Postdoctoral Fellow (4/12-3/15).
 - **JHU Laboratory Radiation Oncology Training Fellow 2012 (NIH-T32CA121937).**
 Current position – Scientist, GeneDx, Gaithersburg, MD (4/15-present).
23. Anvesh Annadanam – JHU Biomed Engineering/Pre-Med Undergraduate Student (6/12-6/15).
 - **JHU James Buchanan Brady Urological Institute Summer Urological Research Experience 2012.**
 Current position – JHU SOM Medical Student (7/15-present).
24. Katriana Nugent, BA, MSN – JHU SOM Research Technologist/Pre-Nursing (4/13-1/16).
 Current position – Oncology Nurse, Mayo Clinic (9/17-present).
25. Jessica Cades, PhD – JHU SOM Pharmacology and Molecular Sciences Graduate Student (7/12-12/15).
 Current position – US FDA, Office of Urologic Medical Devices Chemist (1/16-present).
26. Kekoa Taparra, PhD – JHU SOM Cellular and Molecular Medicine Graduate Student (3/13-6/16).
 - **NIH/NCI - 1F31CA189588-01 Grant 2014-2017.**
 - **AACR Associate Member Council 2015.**
 - **AACR Minority Scholar in Cancer Research Award 2015.**
 - **Thermo Fisher Scientific Pierce Antibody Scholarship 2015.**
 - **Johns Hopkins Martin Luther King, Jr. Award for Community Service 2015.**
 - **1st Place Oral Presentation at JHU Rad Onc Retreat 2015.**
 - **AACR-Takeda Scholar-in-Training Award 2016.**
 Current position – Radiation Oncology Resident at Stanford SOM (7/21-present).
27. Matthew Ballew, BS – University of Maryland Pre-Med/JHU SOM Research Technologist (9/14-6/16).
 Current position – Medical Student at U of New England College of Osteopathic Med (8/16-present).
28. Janson Trieu, BS – University of Arizona College of Medicine Student (6/15-1/17).
 - **University of Arizona College of Medicine Research Distinction Track.**
 Current position – Internal Medicine Resident at University of Nevada, Las Vegas (7/18-present).
29. Ghali Lemtiri-Chlieh, MS – JHU SOM Research Technologist/Pre-Med (4/16-6/17).
 Current position – Medical student at University of Connecticut School of Medicine (8/17-present).
30. Natasha Raman, BS – University of Maryland Medical Student (5/14-8/14, 11/16-6/17).
 - **ASTRO 2017 Poster Discussion Session.**
 Current position – Internal Medicine Resident at Virginia Commonwealth University (7/18-present).

31. Noura Radwan, MD – JHU SOM Postdoctoral Fellow (10/15-6/18, 10/19-present).
Current position – Clinical Study Coordinator at JHU SOM (6/18-8/19).
32. Xing Wang, MD, PhD – Chongqing Medical University MD-PhD candidate (7/16-5/18).
Current position – Surgical Oncology Resident at 7th Affiliated Hospital of Sun Yat-Sen University, China (7/18-present).
33. Roche Kapoor, MHS – JHU SOM Research Technologist/Pre-Med (5/17-7/18).
Current position – Medical student at Rosalind Franklin University of Medicine and Science (8/18-present).
34. Mustafa Barbhuiya, PhD – JHU SOM Postdoctoral Fellow (8/15-7/18).
 - **American Society of Clinical Pathology 40 Under Forty Honoree 2019**
 Current position – Clinical Chemistry Fellow at Penn State University Hershey Medical Center (8/18-present).
35. Jonathan Hayman, MD – JH Bayview Internal Medicine Resident (7/16-6/19).
Current position – Medical Oncology Fellow at University of Washington (7/19-present).
36. Reem Malek, PhD – JHU SOM Postdoctoral Fellow (8/13-8/19).
 - **Prostate Cancer Foundation Young Investigator Award 2016-2019.**
 - **Invited Speaker at the Coffey-Holden Prostate Cancer Academy 2017.**
 - **Oral presentation at the 8th Biennial TEMTIA Meeting 2017.**
 - **Postdoctoral Travel Grant for the 8th Biennial TEMTIA Meeting 2017.**
 - **Honorable Mention Poster Presentation at JHU Rad Onc Retreat 2018.**
 Current position – Associate Director of Research Grants Program, Pancreatic Cancer Action Network (9/19-present).
37. Ryan M. Phillips, MD, PhD – JHU SOM Postdoctoral Fellow/Resident (12/16-6/20).
 - **ASCO 2017 Poster Discussion Session.**
 - **RSNA Research Resident Grant 2018**
 - **ASTRO 2018 Oral Presentation in the Physics 13 Session – Treatment Delivery Techniques**
 - **ASTRO 2018 Oral Presentation in the Biology 2 Session – Radiation and Immune Response I**
 - **JHU Radiation Oncology Research Chief Resident 2019**
 - **ASCO/AACR Methods in Clinical Cancer Research Workshop 2019**
 - **ASTRO 2019 Late Breaking Abstract Oral Presentation in the Clinical Trials Session**
 - **RSNA Roentgen Resident Research Award 2020**
 Current position – Assistant Professor of Radiation Oncology at the Mayo Clinic (7/20-present).
38. William T. Hrinivich, PhD – JHU SOM Postdoctoral Fellow/Resident (6/18-6/20).
 - **2nd Place Oral Presentation at JHU Rad Onc Retreat 2019**
 - **Oral presentation at the ASTRO-RSNA Treatment of Oligometastatic Disease: Closer to the Cure Workshop 2019.**
 - **American Association of Physicists in Medicine (AAPM) Research Seed Funding Grant 2020**
 - **2nd Place Oral Presentation at JHU Rad Onc Retreat 2020**
 Current position – Staff Medical Physicist of Radiation Oncology at the JHU SOM (7/20-present).

Current:

1. Hailun Wang, PhD – JHU SOM Postdoctoral Fellow (3/13-2/17), Instructor (3/17-present).
 - **Uniting Against Lung Cancer Young Investigator Award 2014-2016.**
 - **JHU-AHN Cancer Research Award 2018-2019.**
 - **Invited Speaker at the NIH-FDA Glycoscience Research Day 2019.**
 - **JHU-AHN Cancer Research Award 2020-2021.**
2. Audrey Lafargue, PhD – JHU SOM Postdoctoral Fellow (11/16-present).
 - **DoD CDMRP LCRP Concept Award 2018.**
 - **Honorable Mention (4th Place) Oral Presentation at JHU Rad Onc Retreat 2020**
3. Matthew P. Deek, MD – JHU SOM Postdoctoral Fellow/Resident (5/18-present).
 - **JHU Radiation Oncology Chief Resident 2020**
4. Christine Lam, BA – JHU SOM Cellular and Molecular Medicine Graduate Student (7/18-present)

- **National Science Foundation Graduate Research Fellowship 2019-2021.**
- 5. Ismaeel Siddiqui, BA – JHU SOM Research Technologist/Pre-Med (9/18-present)
- 6. Francesca Anna Carrieri, PhD – JHU SOM Postdoctoral Fellow (1/19-present).
- **AACR-Novocure Tumor Treating Fields Research Fellowship 2019-2020.**
- 7. Caleb Smack, BA – JHU SOM Research Technologist/Pre-Med (7/19-present)
- 8. Noura Radwan, MD – JHU SOM Postdoctoral Fellow (10/19-present).
- 9. Jason (Xiangqian) Shi, BS – JHU BSPH BMB ScM Graduate Student (7/20-present)
- 10. Salman Rafsan, PhD – JHU SOM Postdoctoral Fellow (1/21-present).

Occupational Background:

- 1) **Laboratory Research Technician I.** Shriners Hospital for Crippled Children, Research Division, Portland, Oregon; Dr. Silvio Garofalo, employer. October 1996-July 1997 (15 hrs/wk).
- 2) **Laboratory Research Assistant I.** UCSD School of Medicine, San Diego, CA; Dr. Tsutomu Nobori, employer. October 1993-July 1996 (30+hrs/wk).

Extracurricular Activities:

- 1) **OHSU All-Hill Graduate Student Representative.** 1998-2001.
- 2) **OHSU MD/PhD Bench-to-Bedside Seminar Series Organizer.** 1997-2000.
- 3) **OHSU Student Representative for The Harvey Baker Lecture Series.** An affiliate organization of the Portland chapter of the American Cancer Society. November 1996-1997.
- 4) **Volunteer.** AIDS Foundation San Diego, Public Education Department. 1993-1995.
- 5) **Member of the National Championship UCSD Surf Team.** 1993-1995.
- 6) **Volunteer.** UCSD Medical Center, Pulmonary Special Procedures Unit; Dr. J. Harrell and Dr. H. Colt, directors. 1993-1995 (4 hr./wk).
- 7) **Advanced Certified Scuba Diver.** Professional Association of Diving Instructors (PADI). 1992.



Phuoc T. Tran

9/1/2020

Date